Converting Colors

HunterLab(39.1599, 5.4544, -28.7051)

Have a look what the booklet for HunterLab(39.1599, 5.4544, -28.7051) contains.

HunterLab(39.2681, 5.2521, -28.7410) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 28
- ***CSS Examples*** 31

Color

HunterLab(39.2681, 5.2521, -28.7410)

Conversions

Conversions Part 1

Format	Color
Hex	5B6BA4
RGB	91, 107, 164
RGB Percent	36%, 42%, 64%
CMY	0.6431, 0.5804, 0.3569
CMYK	0.45, 0.35, 0.00, 0.36
HSL	227°, 29%, 50%
HSV	227°, 45%, 64%
XYZ	16.2729, 15.4198, 37.2406
YIQ	108.7140, -27.8330, 14.3350

Conversions

Conversions Part 2

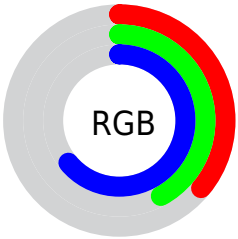
Format	Color
RYB	91, 104, 164
Decimal	5991332
CIELab	46.20, 9.52, -32.62
CIELCh	46, 33.978, 286.266
Yxy	15.4204, 0.2361, 0.2237
Android (android.graphics.Color)	4284181412 (0xFF5B6BA4)
YUV	108.7140, 27.2560, -15.5352
Hunter-Lab	39.2681, 5.2521, -28.7410

Details

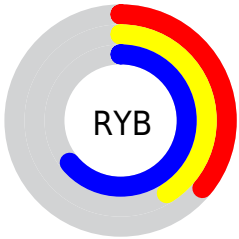
The HunterLab color 39.2681, 5.2521, -28.7410 is a dark color, and the websafe version is hex 666699. A complement of this color would be 54.6154, -4.7551, 22.8250, and the grayscale version is 38.9045, -2.0758, 2.1138.

A 20% lighter version of the original color is 59.5798, 5.1327, -29.8893, and 21.9400, 5.0488, -27.8175 is the 20% darker color. If you saturate the color by 10%, you get 34.9293, 8.3319, -37.9483, and if you desaturate by 10%, it is 43.8382, 2.7085, -20.4416.

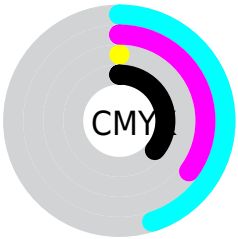
Distribution



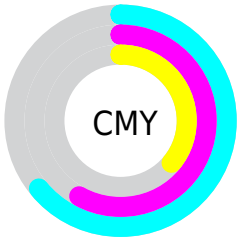
- Red (36%)
- Green (42%)
- Blue (64%)



- Red (36%)
- Yellow (41%)
- Blue (64%)



- Cyan (45%)
- Magenta (35%)
- Yellow (0%)
- Black (36%)



- Cyan (64%)
- Magenta (58%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.2681, 5.2521, -28.7410 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 39.2681, 5.2521, -28.7410 by changing the saturation by 10% instead.

39.2681, 5.2521, -28.7410

150.2987, 3.2318, -32.6828

59.6565, 5.1905, -29.9309

70.8668, 5.0611, -30.4760

82.7026, 4.8746, -30.9730

95.1326, 4.6361, -31.4184

108.1297, 4.3495, -31.8115

121.6700, 4.0181,

39.2681, 5.2521, -28.7410

30.1910, 5.1656, -28.1523

21.9459, 4.9828, -27.6737

14.6282, 4.6815, -27.5373

8.2879, 4.5773, -28.9025

0.0000, NaN, -NF

0.0000, NaN, -NF

0.0000, NaN, NaN

0.0000, NaN, NaN

-32.1524

0.0000, NaN, NaN

135.7325, 3.6447, -32.4424

39.2681, 5.2521, -28.7410

39.2681, 5.2521, -28.7410

34.9293, 8.3319, -37.9483

43.8382, 2.7085, -20.4416

30.8691, 12.0679, -48.2262

48.6005, 0.5963, -12.8893

27.1546, 16.5729, -59.6638

53.5281, -1.1698, -5.9396

23.8728, 21.8922, -72.1350

58.5995, -2.6570, 0.5262

21.1287, 27.8772, -85.0500

63.7983, -3.9179, 6.6034

19.8461, 31.1974, -92.1521

69.1113, -4.9935, 12.3676

74.5279, -5.9158, 17.8790

80.0394, -6.7104, 23.1853

85.6384, -7.3972, 28.3244

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

39.2688, -7.9315, -29.2102

39.2681, 5.2521, -28.7410

39.2688, 17.9310, -18.4335

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

39.2688, 5.2521, -28.7400

39.2688, 16.9912, 15.8659

39.2688, -23.7972, 7.4382

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

39.2681, 5.2521, -28.7410

54.6154, -4.7551, 22.8250

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

39.2688, -18.7742, 15.4124

39.2681, 5.2521, -28.7410

39.2688, 4.0985, 19.0788

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

39.2688, 5.2521, -28.7400

39.2688, 25.2952, 8.3052

39.2688, -8.9432, 18.9460

39.2688, -23.5740, -5.2280

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

39.2681, 5.2521, -28.7410

39.2688, 23.8829, -8.8492

39.2688, -8.9432, 18.9460

39.2688, -22.6980, 10.6511

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

39.2688, 5.2521, -28.7400

72.9719, -1.8488, -6.8665

55.5707, -23.8381, 4.3879

33.4531, -0.6500, -4.0996

90.9709, -4.8540, 4.9426

38.3822, -2.0480, 2.0854

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

39.2688, 5.2521, -28.7400

47.3511, 10.9923, -50.4565

36.7536, 17.9105, -33.6974

26.6459, -0.9399, -1.1826

17.5511, 26.7529, -79.6892

3.5792, 1.2380, -7.1463

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

40.5424, 24.6146, 5.0702

50.0653, 41.2704, 8.3749

57.6923, -18.1686, 25.0593

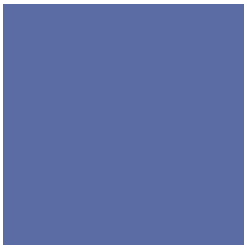
26.6650, 1.0951, 1.5576

24.8095, 42.9041, 12.7974

3.6842, 6.5419, 0.5768

Previews

White Background

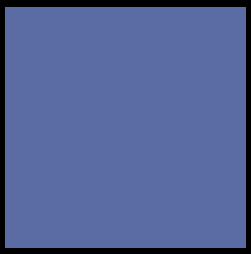


This preview shows how the HunterLab color 39.2681, 5.2521, -28.7410 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

Black Background



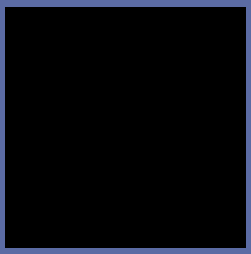
This preview shows how the HunterLab color 39.2681, 5.2521, -28.7410 looks on a black background.

Color Contrast Check

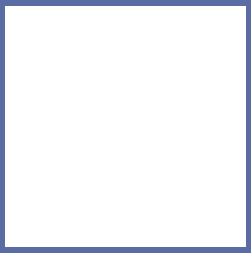
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

HunterLab 39.2681, 5.2521, -28.7410 Background



This preview shows how black text looks on a background with the HunterLab color 39.2681, 5.2521, -28.7410.



This preview shows how white text looks on a background with the HunterLab color 39.2681, 5.2521,

-28.7410.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

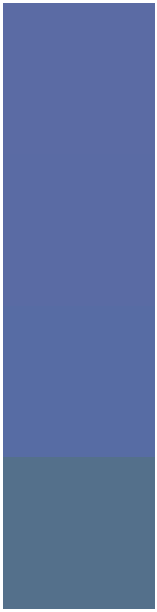
Original Color
39.2681, 5.2521, -28.7410

Protanopia
39.2038, 5.0401, -28.8714

Deuteranopia
39.3731, 2.8433, -28.5771

Tritanopia
39.2711, -9.2847, -4.7532

Trichromacy



Original Color
39.2681, 5.2521, -28.7410

Protanomaly
39.2038, 5.0401, -28.8714

Deuteranomaly
39.2832, 3.9294, -28.7345

Tritanomaly
39.1628, -4.2205, -12.9215

Monochromacy

Original Color
39.2681, 5.2521, -28.7410

Achromatopsia
39.1058, -2.0866, 2.1247

Achromatomaly
38.9036, -0.1543, -7.6828

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.2681, 5.2521, -28.7410 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(91, 107, 164) looks like.

```
.text, #text, p{
    color:rgb(91, 107, 164)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(91, 107, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 107, 164) }
```

Border

The CSS property to change the border of an element to HunterLab 39.2681, 5.2521, -28.7410 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 107, 164) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(91, 107, 164) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(91, 107, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(91, 107, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(91, 107, 164); box-shadow:4px 4px 4px 4px rgb(91, 107, 164) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.2681, 5.2521, -28.7410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(91, 107, 164) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(91, 107,
164) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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