Converting Colors

HunterLab(30.3998, 27.2227, -83.8146)

Have a look what the booklet for HunterLab(30.3998, 27.2227, -83.8146) contains.

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Color

HunterLab(30.3998, 27.2227, -83.8146)

Conversions

Conversions Part 1

Format	Color
Hex	3347C5
RGB	51, 71, 197
RGB Percent	20%, 28%, 77%
CMY	0.8000, 0.7216, 0.2274
CMYK	0.74, 0.64, 0.00, 0.23
HSL	232°, 59%, 49%
HSV	232°, 74%, 77%
XYZ	13.6965, 9.2415, 53.8852
YIQ	79.3840, -52.3660, 34.9460

Conversions

Conversions Part 2

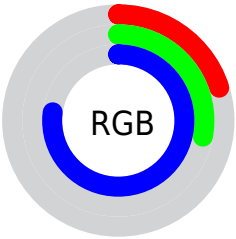
Format	Color
RYB	51, 69, 197
Decimal	3360709
CIELab	36.45, 36.08, -67.77
CIELCh	36, 76.780, 298.030
Yxy	9.2417, 0.1783, 0.1203
Android (android.graphics.Color)	4281550789 (0xFF3347C5)
YUV	79.3840, 57.9847, -24.8928
Hunter-Lab	30.3998, 27.2227, -83.8146

Details

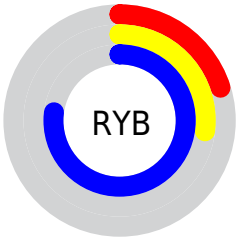
The HunterLab color 30.3998, 27.2227, -83.8146 is a dark color, and the websafe version is hex 333399. The color can be described as dark muted blue. A complement of this color would be 65.9986, -9.0764, 37.6945, and the grayscale version is 27.9125, -1.4893, 1.5165.

A 20% lighter version of the original color is 49.2597, 30.1800, -82.9898, and 16.6838, 27.4837, -80.1828 is the 20% darker color. If you saturate the color by 10%, you get 26.3920, 34.7824, -101.7971, and if you desaturate by 10%, it is 35.1278, 20.5675, -67.1517.

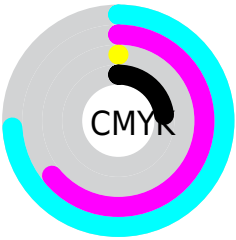
Distribution



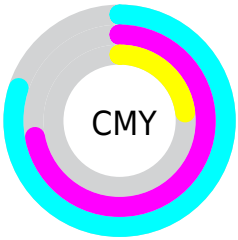
- Red (20%)
- Green (28%)
- Blue (77%)



- Red (20%)
- Yellow (27%)
- Blue (77%)



- Cyan (74%)
- Magenta (64%)
- Yellow (0%)
- Black (23%)



- Cyan (80%)
- Magenta (72%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.3998, 27.2227, -83.8146 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 30.3998, 27.2227, -83.8146 by changing the saturation by 10% instead.

30.3998, 27.2227, -83.8146

136.0775, 35.8717, -87.2355

49.3549, 29.8729, -82.4109

59.9189, 31.0145, -82.6405

71.1446, 32.0474, -83.1598

82.9951, 32.9809, -83.8509

95.4391, 33.8233, -84.6422

108.4494, 34.5819,

30.3998, 27.2227, -83.8146

22.1340, 25.7051, -86.6108

14.7926, 24.0774, -92.9389

8.4472, 22.8732, -109.3959

0.0000, INF, -NF

0.0000, NaN, -NF

0.0000, NaN, -NF

0.0000, NaN, -NF

0.0000, NaN, NaN

-85.4882

0.0000, NaN, NaN

122.0025, 35.2628, -86.3593

30.3998, 27.2227, -83.8146

30.3998, 27.2227, -83.8146

26.3920, 34.7824, -101.7971

35.1278, 20.5675, -67.1517

23.3010, 42.6142, -119.3067

40.4099, 14.9177, -52.3419

21.9406, 46.7791, -128.4063

46.1239, 10.1612, -39.3028

52.1825, 6.1323, -27.7563

58.5236, 2.6776, -17.4065

65.1019, -0.3279, -7.9980

71.8841, -2.9814, 0.6737

78.8451, -5.3570, 8.7679

85.9650, -7.5112, 16.4074

Harmonies

Analogous

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

30.4001, -3.4096, -102.7024

30.3998, 27.2227, -83.8146

30.4001, 57.0382, -38.4999

Triad

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

30.4001, 27.2243, -83.8137

30.4001, 31.5067, 21.2801

30.4001, -38.3350, 3.3240

Complementary

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

30.3998, 27.2227, -83.8146

65.9986, -9.0764, 37.6945

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.

30.4001, -34.5943, 18.0077

30.3998, 27.2227, -83.8146

30.4001, 0.2044, 21.2801

Square

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

30.4001, 27.2243, -83.8137

30.4001, 60.0637, 17.0204

30.4001, -22.5881, 21.2801

30.4001, -35.4951, -32.4596

Rectangle

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

30.3998, 27.2227, -83.8146

30.4001, 68.7612, -10.6474

30.4001, -22.5881, 21.2801

30.4001, -37.8446, 10.3047

Sweetspot

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

30.4001, 27.2243, -83.8137

79.8570, 2.8323, -20.9846

66.1331, -37.2432, 3.6911

35.8417, 1.8550, -11.3799

0.0000, NaN, NaN

46.2646, -2.4686, 2.5136

Same Dimension

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

30.4001, 27.2243, -83.8137

32.5704, 53.1620, -151.2202

30.3822, 45.2630, -83.5698

32.4312, -0.7689, -1.8169

17.9962, 37.1678, -102.7283

4.8131, 5.1850, -17.2090

Inverse Universe

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

38.3325, 50.9523, 15.2921

47.3391, 77.2178, 25.3185

68.0249, -34.0221, 38.5902

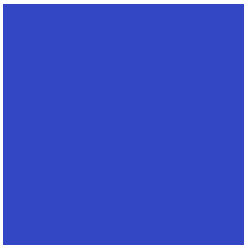
32.6500, 1.3168, 2.2233

28.0480, 48.2444, 16.4859

6.1677, 10.7360, 2.6391

Previews

White Background



This preview shows how the HunterLab color 30.3998, 27.2227, -83.8146 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 ✓ Pass

Black Background

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
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 30.3998, 27.2227, -83.8146 Background

This preview shows how black text looks on a background with the HunterLab color 30.3998, 27.2227, -83.8146.

This preview shows how white text looks on a background with the HunterLab color 30.3998, 27.2227,

-83.8146.

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
30.3998, 27.2227, -83.8146

Protanopia
30.1506, 10.3306, -59.9863

Deuteranopia
30.2479, -0.3271, -37.1011

Tritanopia
30.2060, -14.7968, -5.8128

Trichromacy

Original Color
30.3998, 27.2227, -83.8146

Protanomaly
29.9410, 15.7843, -68.9111

Deuteranomaly
29.8768, 8.4695, -53.0349

Tritanomaly
29.2773, -2.2147, -29.1684

Monochromacy

Original Color
30.3998, 27.2227, -83.8146

Achromatopsia
27.9620, -1.4920, 1.5192

Achromatomaly
27.9986, 5.5211, -21.6408

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.3998, 27.2227, -83.8146 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(51, 71, 197) looks like.

```
.text, #text, p{
    color:rgb(51, 71, 197)
}
```

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(51, 71, 197) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(51, 71, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 71, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 30.3998, 27.2227, -83.8146 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(51, 71, 197) }
```

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

```
.border{ border-color:rgb(51, 71, 197) }
```

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

Here you see how a box with a 4 pixel rgb(51, 71, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(51, 71, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(51, 71, 197); box-shadow:4px 4px 4px 4px rgb(51, 71, 197) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.3998, 27.2227, -83.8146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(51, 71, 197) }
```

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

```
.background{ background-color:rgb(51, 71, 197) }
```

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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