

Converting Colors

HunterLab(39.9130, 3.4650,
-28.7909)

Have a look what the booklet for
HunterLab(39.9130, 3.4650,
-28.7909) contains.

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Color

**HunterLab(39.9140, 3.4455,
-28.9343)**

Conversions

Conversions Part 1

Format	Color
Hex	576EA6
RGB	87, 110, 166
RGB Percent	34%, 43%, 65%
CMY	0.6588, 0.5686, 0.3490
CMYK	0.48, 0.34, 0.00, 0.35
HSL	223°, 31%, 50%
HSV	223°, 48%, 65%
XYZ	16.3893, 15.9313, 38.2876
YIQ	109.5070, -31.6840, 12.5400

Conversions

Conversions Part 2

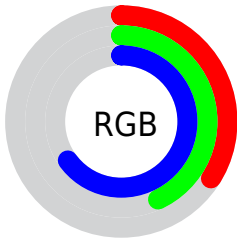
Format	Color
R_{YB}	87, 105, 166
Decimal	5729958
CIE _{Lab}	46.88, 7.25, -32.74
CIE _{LCh}	47, 33.536, 282.478
Yxy	15.9318, 0.2321, 0.2256
Android (android.graphics.Color)	4283920038 (0xFF576EA6)
YUV	109.5070, 27.8510, -19.7386
Hunter-Lab	39.9140, 3.4455, -28.9343

Details

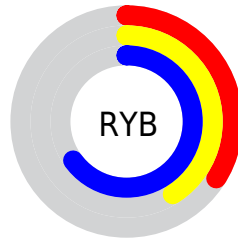
The HunterLab color $39.9140, 3.4455, -28.9343$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $53.3299, -2.0548, 22.8003$, and the grayscale version is $39.2058, -2.0919, 2.1301$.

A 20% lighter version of the original color is $60.3100, 3.3172, -30.0289$, and $22.5322, 3.4301, -27.9457$ is the 20% darker color. If you saturate the color by 10%, you get $35.8464, 6.1246, -37.4753$, and if you desaturate by 10%, it is $44.1984, 1.3135, -21.1372$.

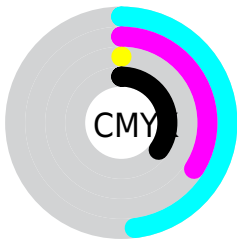
Distribution



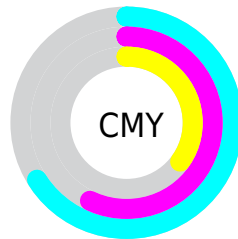
- Red (34%)
- Green (43%)
- Blue (65%)



- Red (34%)
- Yellow (41%)
- Blue (65%)



- Cyan (48%)
- Magenta (34%)
- Yellow (0%)
- Black (35%)



- Cyan (66%)
- Magenta (57%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.9140, 3.4455, -28.9343 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 39.9140, 3.4455, -28.9343 by changing the saturation by 10% instead.

■ 39.9140, 3.4455,
-28.9343

■ 39.9140, 3.4455,
-28.9343

■ 151.3074, 0.4800,
-32.8743

■ 30.7830, 3.4963,
-28.3422

■ 60.3986, 3.1364,
-30.1249

■ 22.4787, 3.4624,
-27.8535

■ 71.6524, 2.8936,
-30.6695

■ 15.0942, 3.3253,
-27.6874

■ 83.5297, 2.5994,
-31.1659

■ 8.7304, 3.1792,
-28.6775

■ 95.9991, 2.2579,
-31.6109

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 109.0338, 1.8726,
-32.0035

0.0000, NaN, NaN

■ 122.6102, 1.4463,

0.0000, NaN, NaN

-32.3441

0.0000, NaN, NaN

136.7076, 0.9814,
-32.6339

■ 39.9140, 3.4455,
-28.9343

■ 39.9140, 3.4455,
-28.9343

■ 35.8464, 6.1246,
-37.4753

■ 44.1984, 1.3135,
-21.1372

■ 32.0351, 9.4599,
-46.8647

■ 48.6653, -0.3691,
-13.9721

■ 28.5339, 13.5552,
-57.1433

■ 53.2905, -1.6837,
-7.3304

■ 25.4084, 18.4651,
-68.2044

■ 58.0541, -2.6959,
-1.1192

■ 22.7182, 24.0759,
-79.7328

■ 62.9408, -3.4583,
4.7392

■ 22.1224, 25.4598,
-82.6114

■ 67.9380, -4.0125,
10.3084

■ 73.0353, -4.3917,
15.6401

■ 78.2245, -4.6226,
20.7764

■ 83.4983, -4.7267,
25.7514

Harmonies

Analogous

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



39.9147, -9.4210, -28.0151



39.9140, 3.4455, -28.9343



39.9147, 16.3000, -19.7911

Triad

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



39.9147, 3.4455, -28.9333



39.9147, 18.1494, 15.1817



39.9147, -23.3843, 8.7218

Complementary

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



39.9140, 3.4455, -28.9343



53.3299, -2.0548, 22.8003

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.



39.9147, -17.7273, 16.0905



39.9140, 3.4455, -28.9343



39.9147, 5.7210, 18.9097

Square

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



39.9147, 3.4455, -28.9333



39.9147, 25.4938, 7.0014



39.9147, -7.4189, 19.1777



39.9147, -23.8282, -3.3466

Rectangle

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



39.9140, 3.4455, -28.9343



39.9147, 22.6943, -10.5305



39.9147, -7.4189, 19.1777



39.9147, -22.0664, 11.7175

Sweetspot

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



39.9147, 3.4455, -28.9333



73.9082, -2.7635, -7.0315



55.9117, -26.1018, 6.7320



34.3342, -1.1629, -4.1658



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



39.9147, 3.4455, -28.9333



48.0417, 8.4413, -51.0546



35.2733, 18.5431, -38.5805



27.6463, -1.2280, -1.0398



19.6645, 21.8968, -71.8478



4.2529, 0.7135, -6.8559

Inverse Universe

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



40.0622, 27.6866, 3.3381



49.1602, 46.3081, 5.9827



58.7060, -17.6861, 26.7575



27.5262, 1.2274, 1.3830



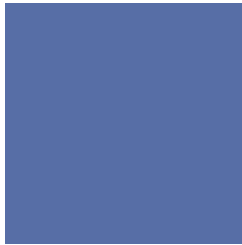
25.4193, 44.2192, 11.0935



4.0739, 7.2962, 0.1560

Previews

White Background



This preview shows how the HunterLab color 39.9140, 3.4455, -28.9343 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 39.9140, 3.4455, -28.9343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

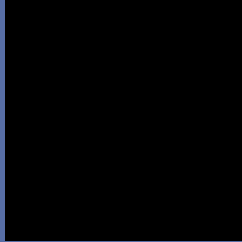
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

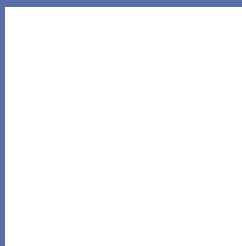
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 39.9140, 3.4455, -28.9343 Background



This preview shows how black text looks on a background with the HunterLab color 39.9140, 3.4455, -28.9343.

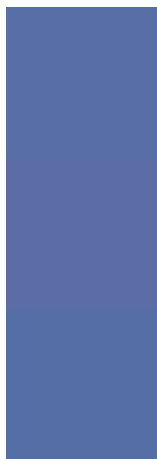


This preview shows how white text looks on a background with the HunterLab color 39.9140, 3.4455, -28.9343.

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

39.9140, 3.4455, -28.9343

Protanopia

39.9114, 4.7271, -28.2053

Deuteranopia

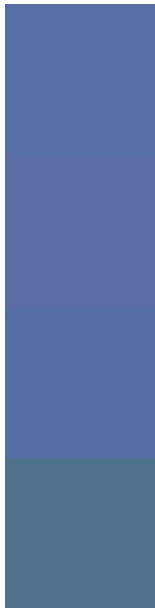
39.8541, 3.2453, -29.0553



Tritanopia

39.9813, -10.9862, -5.3316

Trichromacy



Original Color

39.9140, 3.4455, -28.9343

Protanomaly

39.7839, 4.3046, -28.4608

Deuteranomaly

39.8541, 3.2453, -29.0553

Tritanomaly

39.8081, -6.1574, -13.1100

Monochromacy



Original Color

39.9140, 3.4455, -28.9343

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

39.4821, -0.8952, -7.4014

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.9140, 3.4455, -28.9343 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(87, 110, 166)` looks like.

```
.text, #text, p{  
    color:rgb(87, 110, 166)  
}
```

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(87, 110, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 110, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 39.9140, 3.4455, -28.9343 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(87, 110, 166) }
```


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

```
.border{ border-color:rgb(87, 110, 166) }
```

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

Here you see how a box with a 4 pixel rgb(87, 110, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 110, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 110, 166);  
box-shadow:4px 4px 4px 4px rgb(87, 110,  
166) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.9140, 3.4455, -28.9343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 110, 166) }
```

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

```
.background{ background-color: rgb(87, 110,  
166) }
```

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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