

Converting Colors

HunterLab(45.5920, -7.6531,
-28.8896)

Have a look what the booklet for
HunterLab(45.5920, -7.6531,
-28.8896) contains.

HunterLab(45.5725, -7.7002, -28.9280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(45.5725, -7.7002,
-28.9280)**

Conversions

Conversions Part 1

Format	Color
Hex	3B84B5
RGB	59, 132, 181
RGB Percent	23%, 52%, 71%
CMY	0.7686, 0.4823, 0.2902
CMYK	0.67, 0.27, 0.00, 0.29
HSL	204°, 51%, 47%
HSV	204°, 67%, 71%
XYZ	18.3954, 20.7685, 46.7552
YIQ	115.7590, -59.2370, -0.2370

Conversions

Conversions Part 2

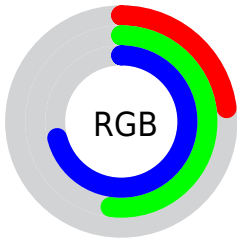
Format	Color
R _Y B	59, 105, 181
Decimal	3900597
CIE Lab	52.70, -6.88, -32.45
CIE LCh	53, 33.168, 258.027
Yxy	20.7692, 0.2141, 0.2417
Android (android.graphics.Color)	4282090677 (0xFF3B84B5)
YUV	115.7590, 32.1638, -49.7776
Hunter-Lab	45.5725, -7.7002, -28.9280

Details

The HunterLab color $45.5725, -7.7002, -28.9280$ is a dark color, and the websafe version is hex $3399CC$. A complement of this color would be $45.6794, 18.5696, 23.1008$, and the grayscale version is $41.5955, -2.2194, 2.2600$.

A 20% lighter version of the original color is $66.8837, -9.6461, -29.9796$, and $27.8299, -3.8716, -26.4272$ is the 20% darker color. If you saturate the color by 10%, you get $42.9012, -6.2130, -34.0899$, and if you desaturate by 10%, it is $48.4381, -8.5518, -23.8130$.

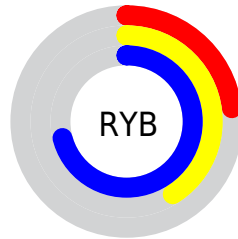
Distribution



Red (23%)

Green (52%)

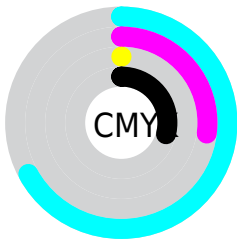
Blue (71%)



Red (23%)

Yellow (41%)

Blue (71%)

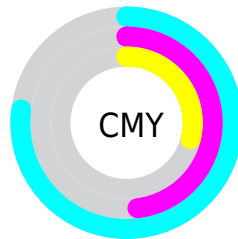


Cyan (67%)

Magenta (27%)

Yellow (0%)

Black (29%)



Cyan (77%)

Magenta (48%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.5725, -7.7002, -28.9280 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 45.5725, -7.7002, -28.9280 by changing the saturation by 10% instead.

■ 45.5725, -7.7002,
-28.9280

■ 45.5725, -7.7002,
-28.9280

160.0155,
-16.6569, -32.5702

■ 35.9937, -6.7705,
-28.3225

■ 66.8604, -9.5862,
-30.0765

■ 27.1990, -5.8437,
-27.7576

■ 78.4806, -10.5485,
-30.5872

■ 19.2669, -4.9099,
-27.3546

■ 90.7055, -11.5257,
-31.0469

■ 12.3040, -3.9507,
-27.4465

■ 103.5064,
-12.5187, -31.4541

■ 5.4632, -5.7799,
-36.1461

■ 116.8586,
-13.5280, -31.8089

0.0000, NaN, -NF

130.7402,

0.0000, NaN, -NF

-14.5540, -32.1122

0.0000, NaN, NaN

145.1316,
-15.5969, -32.3655

0.0000, NaN, NaN

■ 45.5725, -7.7002,
-28.9280

■ 45.5725, -7.7002,
-28.9280

■ 42.9012, -6.2130,
-34.0899

■ 48.4381, -8.5518,
-23.8130

■ 40.4309, -4.0676,
-39.2660

■ 51.4834, -8.8123,
-18.7758

■ 38.1575, -1.3018,
-44.4380

■ 54.6959, -8.5342,
-13.8344

■ 37.5833, -0.5372,
-45.8162

■ 58.0623, -7.7728,
-8.9992

■ 61.5701, -6.5814,
-4.2735

■ 65.2077, -5.0092,
0.3438

■ 68.9644, -3.1006,
4.8574

■ 72.8308, -0.8947,
9.2737

■ 76.7983, 1.5745,
13.6003

Harmonies

Analogous

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



45.5733, -18.5416, -19.9867



45.5725, -7.7002, -28.9280



45.5733, 5.8887, -27.8371

Triad

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



45.5733, -7.6999, -28.9271



45.5733, 24.9984, 9.4860



45.5733, -20.1873, 16.1082

Complementary

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



45.5725, -7.7002, -28.9280



45.6794, 18.5696, 23.1008

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.



45.5733, -10.1995, 20.2809



45.5725, -7.7002, -28.9280



45.5733, 16.2769, 17.2963

Square

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



45.5733, -7.6999, -28.9271



45.5733, 25.8705, -2.9504



45.5733, 3.0822, 20.6408



45.5733, -25.1682, 7.3160

Rectangle

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



45.5725, -7.7002, -28.9280



45.5733, 14.7022, -21.5999



45.5733, 3.0822, 20.6408



45.5733, -17.3613, 17.9715

Sweetspot

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



45.5733, -7.6999, -28.9271



81.0011, -9.3312, -7.5597



59.2086, -40.2314, 21.6275



37.0529, -4.5481, -4.3259



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



45.5733, -7.6999, -28.9271



55.7416, -7.0029, -49.0537



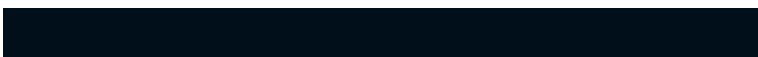
29.6632, 22.7735, -68.7024



30.0789, -2.4888, -0.2475



31.4261, -0.8209, -37.5077



6.4911, -1.5862, -4.6892

Inverse Universe

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



38.2341, 48.8041, -9.4385



46.8153, 75.3405, -10.9588



62.0014, -10.6267, 34.0613



29.3049, 1.7253, 0.4179



27.4538, 49.8012, -3.8545



4.9831, 9.2407, -2.2602

Previews

White Background



This preview shows how the HunterLab color 45.5725, -7.7002, -28.9280 looks on a white 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

Black Background



This preview shows how the HunterLab color 45.5725, -7.7002, -28.9280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

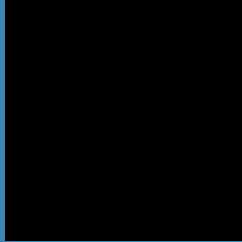
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 45.5725, -7.7002, -28.9280 Background



This preview shows how black text looks on a background with the HunterLab color 45.5725, -7.7002, -28.9280.

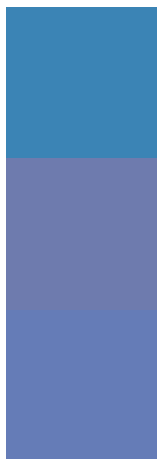


This preview shows how white text looks on a background with the HunterLab color 45.5725, -7.7002, -28.9280.

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

45.5725, -7.7002, -28.9280

Protanopia

45.3177, 4.0142, -24.3961

Deuteranopia

45.3882, 3.6368, -30.4896



Tritanopia

45.5831, -19.6611, -9.2399

Trichromacy



Original Color

45.5725, -7.7002, -28.9280

Protanomaly

45.0779, -0.8343, -26.9468

Deuteranomaly

45.3151, -1.0293, -29.9993

Tritanomaly

45.5657, -15.6359, -16.0704

Monochromacy



Original Color

45.5725, -7.7002, -28.9280

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

42.7146, -6.1647, -8.2261

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.5725, -7.7002, -28.9280 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(59, 132, 181)` looks like.

```
.text, #text, p{  
    color:rgb(59, 132, 181)  
}
```

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(59, 132, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 132, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 45.5725, -7.7002, -28.9280 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(59, 132, 181) }
```


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

```
.border{ border-color:rgb(59, 132, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 132, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 132, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 132, 181);  
box-shadow:4px 4px 4px 4px rgb(59, 132,  
181) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.5725, -7.7002, -28.9280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 132, 181) }
```

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

```
.background{ background-color: rgb(59, 132,  
181) }
```

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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