

Converting Colors

HunterLab(45.5902, -6.8401,
-42.2180)

Have a look what the booklet for
HunterLab(45.5902, -6.8401,
-42.2180) contains.

HunterLab(45.7150, -6.9989, -42.0310)	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(45.7150, -6.9989,
-42.0310)

Conversions

Conversions Part 1

Format	Color
Hex	0085C7
RGB	0, 133, 199
RGB Percent	0%, 52%, 78%
CMY	0.9998, 0.4784, 0.2196
CMYK	1.00, 0.33, 0.00, 0.22
HSL	200°, 100%, 39%
HSV	200°, 100%, 78%
XYZ	18.6964, 20.8986, 57.0813
YIQ	100.7570, -100.4540, -7.6700

Conversions

Conversions Part 2

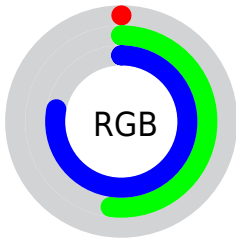
Format	Color
R _{YB}	0, 80, 199
Decimal	34247
CIE Lab	52.84, -5.93, -42.58
CIE LCh	53, 42.989, 262.074
Yxy	20.8993, 0.1934, 0.2162
Android (android.graphics.Color)	4278224327 (0xFF0085C7)
YUV	100.7570, 48.4338, -88.3639
Hunter-Lab	45.7150, -6.9989, -42.0310

Details

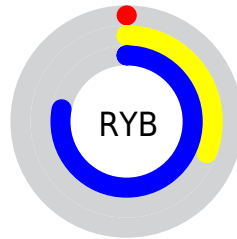
The HunterLab color **45.7150, -6.9989, -42.0310** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **40.0550, 43.5614, 25.4424**, and the grayscale version is **35.8392, -1.9123, 1.9472**.

A 20% lighter version of the original color is **66.9919, -9.2206, -42.6122**, and **28.9568, 0.3735, -36.9998** is the 20% darker color. If you saturate the color by 10%, you get **45.7109, -6.9923, -42.0403**, and if you desaturate by 10%, it is **47.8665, -9.4955, -37.5997**.

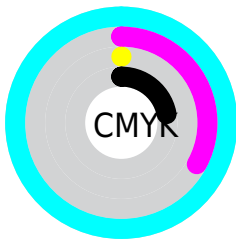
Distribution



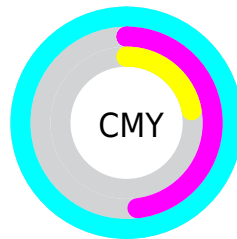
- Red (0%)
- Green (52%)
- Blue (78%)



- Red (0%)
- Yellow (31%)
- Blue (78%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (48%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.7150, -6.9989, -42.0310 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 45.7150, -6.9989, -42.0310 by changing the saturation by 10% instead.

45.7150, -6.9989,
-42.0310

45.7150, -6.9989,
-42.0310

160.2319,
-15.5587, -47.4144

36.1253, -6.1276,
-41.4466

67.0223, -8.7794,
-43.3930

27.3190, -5.2655,
-41.0733

78.6513, -9.6940,
-44.0783

19.3739, -4.4044,
-41.1871

90.8846, -10.6260,
-44.7373

12.3961, -3.5298,
-42.5118

103.6936,
-11.5759, -45.3602

5.6063, -4.9071,
-56.9431

117.0535,
-12.5440, -45.9414

0.0000, NaN, -NF

0.0000, NaN, -NF

130.9425,

-13.5305, -46.4782

0.0000, NaN, NaN

145.3411,
-14.5354, -46.9693

0.0000, NaN, NaN

■ 45.7150, -6.9989,
-42.0310

■ 45.7150, -6.9989,
-42.0310

■ 45.7109, -6.9923,
-42.0403

■ 47.8665, -9.4955,
-37.5997

■ 50.1920, -11.4160,
-33.0993

■ 52.7212, -12.6414,
-28.5004

■ 55.4529, -13.1708,
-23.8330

■ 58.3803, -13.0319,
-19.1297

■ 61.4939, -12.2686,
-14.4194

■ 64.7823, -10.9327,
-9.7252

■ 68.2340, -9.0787,
-5.0642

■ 71.8375, -6.7597,
-0.4480

Harmonies

Analogous

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



45.7157, -21.3716, -30.7222



45.7150, -6.9989, -42.0310



45.7157, 10.9290, -38.3199

Triad

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



45.7157, -6.9982, -42.0300



45.7157, 33.1801, 12.9737



45.7157, -26.1098, 18.1366

Complementary

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



45.7150, -6.9989, -42.0310



40.0550, 43.5614, 25.4424

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.



45.7157, -14.4330, 23.3474



45.7150, -6.9989, -42.0310



45.7157, 20.1785, 21.2451

Square

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



45.7157, -6.9982, -42.0300



45.7157, 35.9673, -2.1583



45.7157, 2.3005, 24.2186



45.7157, -31.2685, 6.6934

Rectangle

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



45.7150, -6.9989, -42.0310



45.7157, 22.4113, -28.2885



45.7157, 2.3005, 24.2186



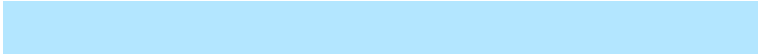
45.7157, -22.9088, 20.4659

Sweetspot

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



45.7157, -6.9982, -42.0300



85.5149, -14.5639, -13.1554



64.1926, -53.0451, 34.2766



38.6913, -7.1221, -7.3141

0.0000, NaN, NaN



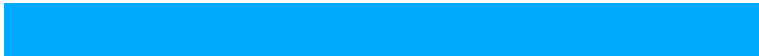
46.2646, -2.4686, 2.5136

Same Dimension

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



45.7157, -6.9982, -42.0300



60.1024, -8.6520, -56.4456



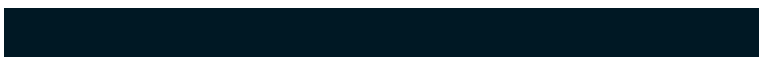
23.2752, 43.2927, -122.5415



33.8404, -3.1034, -0.0821



36.8808, -5.9591, -33.2339



8.7917, -2.4408, -5.7199

Inverse Universe

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



37.1977, 68.2479, -11.2544



49.1709, 90.1404, -14.2245



61.7807, -2.4657, 38.0246



32.7940, 2.0908, 0.1708



29.8548, 54.8300, -9.4109



6.5958, 12.2864, -3.4187

Previews

White Background



This preview shows how the HunterLab color 45.7150, -6.9989, -42.0310 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 45.7150, -6.9989, -42.0310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

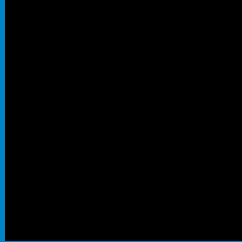
Any Text WCAG AA ✓ Pass

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 45.7150, -6.9989, -42.0310 Background



This preview shows how black text looks on a background with the HunterLab color 45.7150, -6.9989, -42.0310.

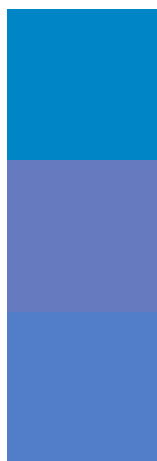


This preview shows how white text looks on a background with the HunterLab color 45.7150, -6.9989, -42.0310.

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

45.7150, -6.9989, -42.0310

Protanopia

45.5547, 6.3518, -35.9701

Deuteranopia

45.7522, 3.7493, -43.3511



Tritanopia

45.7801, -22.0848, -9.5463

Trichromacy



Original Color

45.7150, -6.9989, -42.0310

Protanomaly

44.9417, -1.1702, -39.6614

Deuteranomaly

45.3880, -1.9861, -43.4474

Tritanomaly

45.5176, -16.8576, -20.5023

Monochromacy



Original Color

45.7150, -6.9989, -42.0310

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

38.3489, -8.7655, -13.1137

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.7150, -6.9989, -42.0310 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(0, 133, 199)` looks like.

```
.text, #text, p{  
    color:rgb(0, 133, 199)  
}
```

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(0, 133, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 133, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 45.7150, -6.9989, -42.0310 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(0, 133, 199) }
```


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

```
.border{ border-color:rgb(0, 133, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 133, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 133, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 133, 199);  
box-shadow:4px 4px 4px 4px rgb(0, 133,  
199) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.7150, -6.9989, -42.0310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 133, 199) }
```

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

```
.background{ background-color: rgb(0, 133,  
199) }
```

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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