

Converting Colors

HunterLab(43.8727, -12.5387,
-43.8140)

Have a look what the booklet for
HunterLab(43.8727, -12.5387,
-43.8140) contains.

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Color

**HunterLab(45.2637, -7.3794,
-40.6457)**

Conversions

Conversions Part 1

Format	Color
Hex	0084C4
RGB	0, 132, 196
RGB Percent	0%, 52%, 77%
CMY	0.9998, 0.4823, 0.2314
CMYK	1.00, 0.33, 0.00, 0.23
HSL	200°, 100%, 38%
HSV	200°, 100%, 77%
XYZ	18.2150, 20.4880, 55.2190
YIQ	99.8280, -99.2160, -8.0800

Conversions

Conversions Part 2

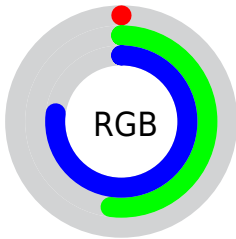
Format	Color
RYB	0, 79, 196
Decimal	33988
CIELab	52.39, -6.49, -41.59
CIELCh	52, 42.090, 261.131
Yxy	20.4887, 0.1939, 0.2181
Android (android.graphics.Color)	4278224068 (0xFF0084C4)
YUV	99.8280, 47.4128, -87.5492
Hunter-Lab	45.2637, -7.3794, -40.6457

Details

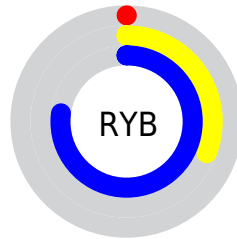
The HunterLab color **45.2637, -7.3794, -40.6457** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **39.2522, 43.1822, 24.9412**, and the grayscale version is **35.4931, -1.8938, 1.9284**.

A 20% lighter version of the original color is **66.5816, -9.2587, -41.8863**, and **28.5298, -0.0261, -35.6035** is the 20% darker color. If you saturate the color by 10%, you get **45.2600, -7.3734, -40.6540**, and if you desaturate by 10%, it is **47.3532, -9.7710, -36.3821**.

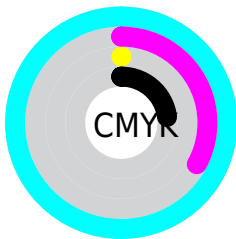
Distribution



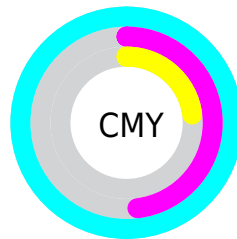
- Red (0%)
- Green (52%)
- Blue (77%)



- Red (0%)
- Yellow (31%)
- Blue (77%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (48%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.2637, -7.3794, -40.6457 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 45.2637, -7.3794, -40.6457 by changing the saturation by 10% instead.

■ 45.2637, -7.3794,
-40.6457

■ 45.2637, -7.3794,
-40.6457

■ 159.5458,
-16.1672, -45.9020

■ 35.7082, -6.4739,
-40.0551

■ 66.5094, -9.2208,
-41.9977

■ 26.9391, -5.5738,
-39.6624

■ 78.1103, -10.1629,
-42.6713

■ 19.0353, -4.6695,
-39.7354

■ 90.3168, -11.1209,
-43.3160

■ 12.1047, -3.7440,
-40.9847

■ 103.1002,
-12.0955, -43.9227

■ 5.1387, -5.7771,
-58.2125

■ 116.4356,
-13.0872, -44.4864

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 130.3010,

-14.0963, -45.0047

0.0000, NaN, NaN

144.6769,
-15.1230, -45.4766

0.0000, NaN, NaN

■ 45.2637, -7.3794,
-40.6457

■ 45.2637, -7.3794,
-40.6457

■ 45.2600, -7.3734,
-40.6540

■ 47.3532, -9.7710,
-36.3821

■ 49.6110, -11.6025,
-32.0469

■ 52.0671, -12.7548,
-27.6095

■ 54.7208, -13.2261,
-23.0986

■ 57.5658, -13.0426,
-18.5456

■ 60.5930, -12.2464,
-13.9791

■ 63.7917, -10.8878,
-9.4219

■ 67.1507, -9.0194,
-4.8914

■ 70.6589, -6.6933,
-0.3995

Harmonies

Analogous

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



45.2644, -21.2675, -29.3011



45.2637, -7.3794, -40.6457



45.2644, 10.0630, -37.5248

Triad

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



45.2644, -7.3787, -40.6447



45.2644, 32.5362, 12.3560



45.2644, -25.2890, 18.0315

Complementary

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



45.2637, -7.3794, -40.6457



39.2522, 43.1822, 24.9412

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.



45.2644, -13.6772, 23.0131



45.2637, -7.3794, -40.6457



45.2644, 20.1321, 20.6845

Square

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



45.2644, -7.3787, -40.6447



45.2644, 34.8881, -2.6313



45.2644, 2.7668, 23.7604



45.2644, -30.5516, 7.0280

Rectangle

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



45.2637, -7.3794, -40.6457



45.2644, 21.3180, -28.0132



45.2644, 2.7668, 23.7604



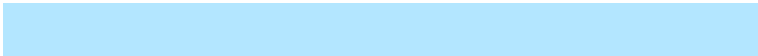
45.2644, -22.0882, 20.2652

Sweetspot

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



45.2644, -7.3787, -40.6447



85.6425, -14.7609, -12.9825



63.1104, -52.1427, 33.6810



38.7587, -7.2253, -7.2203

0.0000, NaN, NaN



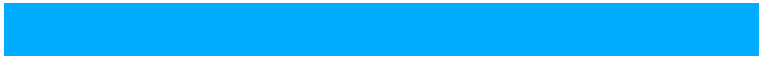
46.2646, -2.4686, 2.5136

Same Dimension

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



45.2644, -7.3787, -40.6447



60.5126, -9.2945, -55.5713



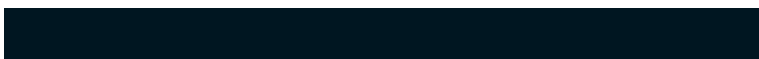
22.9033, 42.4873, -120.3384



32.9484, -3.0381, -0.0574



36.5027, -6.2555, -32.1214



8.3481, -2.4267, -5.1958

Inverse Universe

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



36.6097, 67.2394, -11.6185



49.2217, 90.3228, -14.9310



60.7483, -2.4411, 37.3889



31.9214, 2.0293, 0.1518



29.3723, 54.0003, -9.6964



6.2048, 11.5797, -3.3843

Previews

White Background



This preview shows how the HunterLab color 45.2637, -7.3794, -40.6457 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 45.2637, -7.3794, -40.6457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

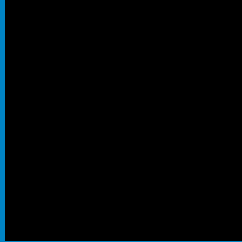
Any Text WCAG AA ✓ Pass

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 45.2637, -7.3794, -40.6457 Background



This preview shows how black text looks on a background with the HunterLab color 45.2637, -7.3794, -40.6457.

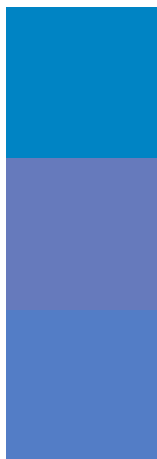


This preview shows how white text looks on a background with the HunterLab color 45.2637, -7.3794, -40.6457.

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

45.2637, -7.3794, -40.6457

Protanopia

45.1383, 6.0937, -34.5725

Deuteranopia

45.3690, 3.5964, -41.8002



Tritanopia

45.0722, -21.7142, -9.4616

Trichromacy



Original Color

45.2637, -7.3794, -40.6457

Protanomaly

44.5052, -1.4998, -38.2670

Deuteranomaly

44.9738, -2.2402, -41.9647

Tritanomaly

45.0832, -17.1468, -19.3350

Monochromacy



Original Color

45.2637, -7.3794, -40.6457

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

37.9837, -8.7550, -12.5271

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.2637, -7.3794, -40.6457 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, 132, 196)` looks like.

```
.text, #text, p{  
    color:rgb(0, 132, 196)  
}
```

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, 132, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 132, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 45.2637, -7.3794, -40.6457 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, 132, 196) }
```


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

```
.border{ border-color:rgb(0, 132, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 132, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 132, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 132, 196);  
box-shadow:4px 4px 4px 4px rgb(0, 132,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.2637, -7.3794, -40.6457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 132, 196) }
```

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

```
.background{ background-color: rgb(0, 132,  
196) }
```

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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