

Converting Colors

HunterLab(45.0758, -17.9033,
-48.3807)

Have a look what the booklet for
HunterLab(45.0758, -17.9033,
-48.3807) contains.

HunterLab(47.8257, -8.1083, -42.2746)	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(47.8257, -8.1083,
-42.2746)

Conversions

Conversions Part 1

Format	Color
Hex	008BCD
RGB	0, 139, 205
RGB Percent	0%, 55%, 80%
CMY	0.9998, 0.4549, 0.1961
CMYK	1.00, 0.32, 0.00, 0.20
HSL	199°, 100%, 40%
HSV	199°, 100%, 80%
XYZ	20.2520, 22.8730, 61.1051
YIQ	104.9630, -104.0300, -8.9420

Conversions

Conversions Part 2

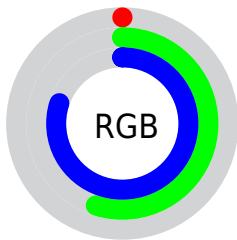
Format	Color
R_{YB}	0, 83, 205
Decimal	35789
CIE _{Lab}	54.94, -7.14, -42.66
CIE _{LCh}	55, 43.249, 260.496
Yxy	22.8737, 0.1943, 0.2194
Android (android.graphics.Color)	4278225869 (0xFF008BCD)
YUV	104.9630, 49.3182, -92.0526
Hunter-Lab	47.8257, -8.1083, -42.2746

Details

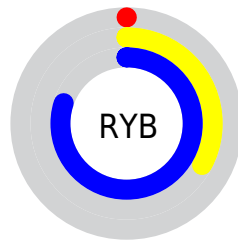
The HunterLab color **47.8257, -8.1083, -42.2746** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **41.0864, 45.9567, 26.1200**, and the grayscale version is **37.4238, -1.9968, 2.0333**.

A 20% lighter version of the original color is **68.9724, -11.8890, -39.0343**, and **30.5725, -0.5027, -37.1278** is the 20% darker color. If you saturate the color by 10%, you get **47.8218, -8.1019, -42.2834**, and if you desaturate by 10%, it is **49.9978, -10.6058, -37.8698**.

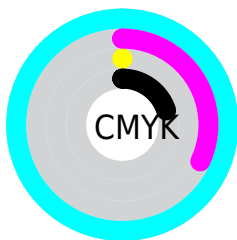
Distribution



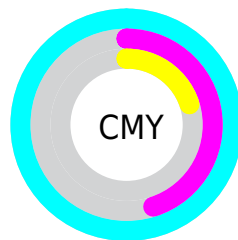
- Red (0%)
- Green (55%)
- Blue (80%)



- Red (0%)
- Yellow (33%)
- Blue (80%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (45%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8257, -8.1083, -42.2746 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 47.8257, -8.1083, -42.2746 by changing the saturation by 10% instead.

■ 47.8257, -8.1083,
-42.2746

■ 47.8257, -8.1083,
-42.2746

163.4245,
-17.2034, -47.6205

■ 38.0792, -7.1609,
-41.6654

■ 69.4161, -10.0275,
-43.6466

■ 29.1023, -6.2167,
-41.2345

■ 81.1748, -11.0061,
-44.3285

■ 20.9685, -5.2662,
-41.2137

■ 93.5313, -11.9991,
-44.9818

■ 13.7764, -4.2928,
-42.1869

■ 106.4581,
-13.0074, -45.5977

■ 7.3967, -4.6020,
-48.1281

■ 119.9310,
-14.0317, -46.1713

0.0000, NaN, -NF

133.9287,

0.0000, NaN, -NF

-15.0723, -46.7001

0.0000, NaN, NaN

148.4322,
-16.1295, -47.1832

0.0000, NaN, NaN

■ 47.8257, -8.1083,
-42.2746

■ 47.8257, -8.1083,
-42.2746

■ 47.8218, -8.1019,
-42.2834

■ 49.9978, -10.6058,
-37.8698

■ 52.3478, -12.5090,
-33.3803

■ 54.9060, -13.6970,
-28.7767

■ 57.6723, -14.1662,
-24.0888

■ 60.6405, -13.9425,
-19.3494

■ 63.8013, -13.0697,
-14.5888

■ 67.1435, -11.6004,
-9.8319

■ 70.6556, -9.5900,
-5.0974

■ 74.3258, -7.0934,
-0.3988

Harmonies

Analogous

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



47.8265, -22.5447, -30.1888



47.8257, -8.1083, -42.2746



47.8265, 10.1076, -39.3580

Triad

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



47.8265, -8.1076, -42.2736



47.8265, 34.1568, 12.7099



47.8265, -26.3260, 19.1028

Complementary

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



47.8257, -8.1083, -42.2746



41.0864, 45.9567, 26.1200

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.



47.8265, -14.0225, 24.2426



47.8257, -8.1083, -42.2746



47.8265, 21.3769, 21.6065

Square

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



47.8265, -8.1076, -42.2736



47.8265, 36.3596, -3.1264



47.8265, 3.2642, 24.9500



47.8265, -31.9948, 7.7016

Rectangle

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



47.8257, -8.1083, -42.2746



47.8265, 21.9203, -29.6001



47.8265, 3.2642, 24.9500



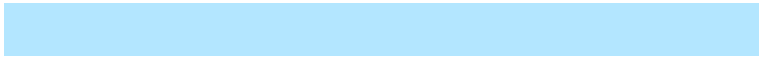
47.8265, -22.9221, 21.4127

Sweetspot

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



47.8265, -8.1076, -42.2736



85.7564, -14.9364, -12.8284



66.3659, -54.8579, 35.4733



38.8189, -7.3172, -7.1368

0.0000, NaN, NaN



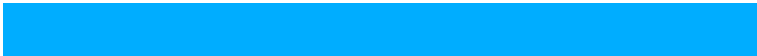
46.2646, -2.4686, 2.5136

Same Dimension

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



47.8265, -8.1076, -42.2736



60.8796, -9.8659, -54.7965



24.0212, 44.9134, -126.9728



34.7767, -3.2345, -0.0583



37.9676, -6.7560, -32.8719



9.3668, -2.6368, -6.0157

Inverse Universe

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



38.5283, 70.8126, -12.6086



49.2673, 90.4866, -15.5657



63.8537, -2.5142, 39.3011



33.6747, 2.1751, 0.1301



30.4273, 55.9799, -10.3550



7.0080, 13.0613, -3.6879

Previews

White Background



This preview shows how the HunterLab color 47.8257, -8.1083, -42.2746 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 47.8257, -8.1083, -42.2746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

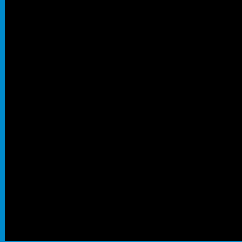
Any Text WCAG AA ✓ Pass

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 47.8257, -8.1083, -42.2746 Background



This preview shows how black text looks on a background with the HunterLab color 47.8257, -8.1083, -42.2746.

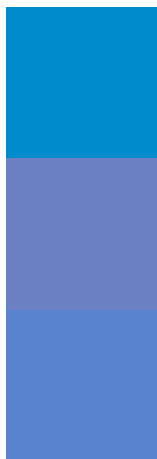


This preview shows how white text looks on a background with the HunterLab color 47.8257, -8.1083, -42.2746.

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

47.8257, -8.1083, -42.2746

Protanopia

47.8270, 5.8698, -35.1681

Deuteranopia

47.8136, 4.0522, -43.6669



Tritanopia

47.9146, -23.2027, -9.8011

Trichromacy



Original Color

47.8257, -8.1083, -42.2746

Protanomaly

47.0784, -2.1939, -39.0772

Deuteranomaly

47.3036, -2.2057, -44.0792

Tritanomaly

47.6455, -17.9579, -20.7867

Monochromacy



Original Color

47.8257, -8.1083, -42.2746

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

39.7982, -9.1705, -13.1782

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8257, -8.1083, -42.2746 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, 139, 205)` looks like.

```
.text, #text, p{  
    color:rgb(0, 139, 205)  
}
```

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, 139, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 139, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8257, -8.1083, -42.2746 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, 139, 205) }
```


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

```
.border{ border-color:rgb(0, 139, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 139, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 139, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 139, 205); box-shadow:4px 4px 4px 4px rgb(0, 139, 205) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.8257, -8.1083, -42.2746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 139, 205) }
```

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

```
.background{ background-color: rgb(0, 139,  
205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor