

Converting Colors

HunterLab(54.6518, -19.9583,
-25.2258)

Have a look what the booklet for
HunterLab(54.6518, -19.9583,
-25.2258) contains.

HunterLab(54.7395, -20.0464, -25.1452)	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(54.7395,
-20.0464, -25.1452)**

Conversions

Conversions Part 1

Format	Color
Hex	00A2C7
RGB	0, 162, 199
RGB Percent	0%, 64%, 78%
CMY	0.9998, 0.3647, 0.2196
CMYK	1.00, 0.19, 0.00, 0.22
HSL	191°, 100%, 39%
HSV	191°, 100%, 78%
XYZ	23.2291, 29.9641, 58.5921
YIQ	117.7800, -108.4290, -22.8370

Conversions

Conversions Part 2

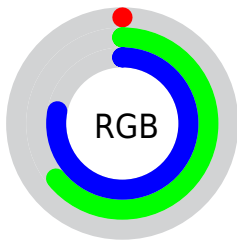
Format	Color
RYB	0, 89, 199
Decimal	41671
CIELab	61.62, -21.97, -28.84
CIELCh	62, 36.259, 232.698
Yxy	29.9652, 0.2078, 0.2681
Android (android.graphics.Color)	4278231751 (0xFF00A2C7)
YUV	117.7800, 40.0415, -103.2931
Hunter-Lab	54.7395, -20.0464, -25.1452

Details

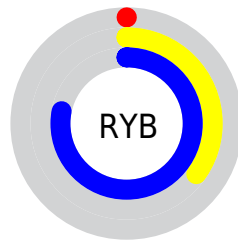
The HunterLab color **54.7395, -20.0464, -25.1452** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **36.6989, 53.5638, 23.5494**, and the grayscale version is **42.3639, -2.2604, 2.3017**.

A 20% lighter version of the original color is **77.1719, -23.7522, -25.5485**, and **36.3266, -11.0593, -21.5312** is the 20% darker color. If you saturate the color by 10%, you get **54.7376, -20.0435, -25.1490**, and if you desaturate by 10%, it is **56.0679, -21.1434, -22.9598**.

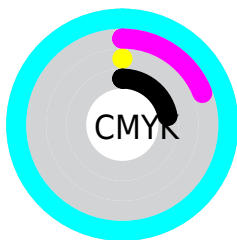
Distribution



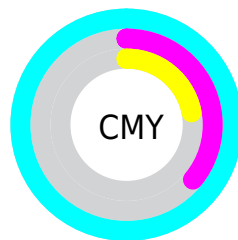
- Red (0%)
- Green (64%)
- Blue (78%)



- Red (0%)
- Yellow (35%)
- Blue (78%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.7395, -20.0464, -25.1452 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 54.7395, -20.0464, -25.1452 by changing the saturation by 10% instead.

■ 54.7395, -20.0464,
-25.1452

■ 54.7395, -20.0464,
-25.1452

173.7072,
-35.3569, -27.5798

■ 44.5108, -18.2007,
-24.6115

■ 77.2056, -23.5907,
-26.0600

■ 35.0122, -16.2817,
-24.0462

■ 89.3671, -25.3141,
-26.4352

■ 26.3060, -14.2578,
-23.4852

■ 102.1075,
-27.0156, -26.7551

■ 18.4720, -12.0774,
-23.0205

■ 115.4017,
-28.7010, -27.0208

■ 11.6211, -9.7889,
-22.9159

■ 129.2275,
-30.3746, -27.2342

■ 4.2403, -7.4206,
-36.5718

143.5652,

0.0000, NaN, -NF

-32.0401, -27.3972

0.0000, NaN, NaN

158.3971,
-33.7001, -27.5118

0.0000, NaN, NaN

■ 54.7395, -20.0464,
-25.1452

■ 54.7395, -20.0464,
-25.1452

■ 54.7376, -20.0435,
-25.1490

■ 56.0679, -21.1434,
-22.9598

■ 57.5307, -21.7430,
-20.6162

■ 59.1636, -21.7123,
-18.0726

■ 60.9760, -21.0214,
-15.3342

■ 62.9713, -19.6688,
-12.4162

■ 65.1488, -17.6733,
-9.3392

■ 67.5047, -15.0673,
-6.1257

■ 70.0333, -11.8924,
-2.7985

■ 72.7275, -8.1950,
0.6210

Harmonies

Analogous

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



54.7405, -28.0865, -9.3021



54.7395, -20.0464, -25.1452



54.7405, -6.7089, -33.8505

Triad

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



54.7405, -20.0461, -25.1442



54.7405, 30.3589, -0.7983



54.7405, -14.0938, 23.4062

Complementary

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



54.7395, -20.0464, -25.1452



36.6989, 53.5638, 23.5494

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.



54.7405, 0.9671, 24.4987



54.7395, -20.0464, -25.1452



54.7405, 27.8086, 12.9442

Square

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



54.7405, -20.0461, -25.1442



54.7405, 23.2230, -17.4406



54.7405, 16.6019, 21.2565



54.7405, -24.9299, 17.6844

Rectangle

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



54.7395, -20.0464, -25.1452



54.7405, 3.8721, -33.0975



54.7405, 16.6019, 21.2565



54.7405, -9.4035, 24.2461

Sweetspot

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



54.7405, -20.0461, -25.1442



89.1745, -20.1137, -8.3056



64.0141, -54.1628, 36.9123



40.6282, -10.0252, -4.6920

0.0000, NaN, NaN



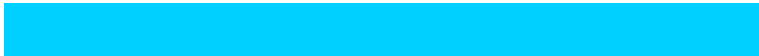
46.2646, -2.4686, 2.5136

Same Dimension

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



54.7405, -20.0461, -25.1442



72.1989, -26.2100, -33.6624



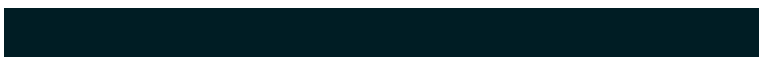
27.7201, 29.3390, -97.9764



34.2333, -3.7378, 0.3886



44.0292, -16.2559, -19.9410



10.0363, -4.1402, -3.6069

Inverse Universe

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



38.4082, 72.5607, -27.8309



50.7872, 95.9006, -36.3750



54.5435, 10.4424, 33.7909



32.8352, 2.3112, -0.4138



30.8172, 58.2570, -22.5792



6.7728, 12.9128, -5.8111

Previews

White Background



This preview shows how the HunterLab color 54.7395, -20.0464, -25.1452 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 54.7395, -20.0464, -25.1452 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

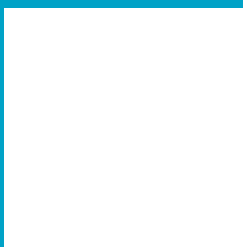
Any Text WCAG AAA × Fail

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

HunterLab 54.7395, -20.0464, -25.1452 Background



This preview shows how black text looks on a background with the HunterLab color 54.7395, -20.0464, -25.1452.



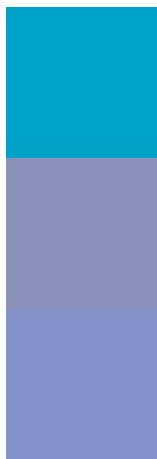
This preview shows how white text looks on a background with the HunterLab color 54.7395,

-20.0464, -25.1452.

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

54.7395, -20.0464, -25.1452

Protanopia

54.3984, 2.7090, -18.2877

Deuteranopia

54.4930, 4.2775, -27.8204



Tritanopia

54.8494, -26.3726, -11.6262

Trichromacy



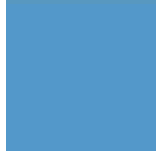
Original Color

54.7395, -20.0464, -25.1452



Protanomaly

53.2325, -10.1071, -22.9193



Deuteranomaly

53.4413, -8.4958, -29.2108



Tritanomaly

54.8213, -24.1989, -16.2834

Monochromacy



Original Color

54.7395, -20.0464, -25.1452



Achromatopsia

42.5634, -2.2711, 2.3126



Achromatomaly

45.4452, -13.9613, -8.2545

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.7395, -20.0464, -25.1452 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, 162, 199)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 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, 162, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 54.7395, -20.0464, -25.1452 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, 162, 199) }
```


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

```
.border{ border-color:rgb(0, 162, 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, 162, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 199);  
box-shadow:4px 4px 4px 4px rgb(0, 162,  
199) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.7395, -20.0464, -25.1452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 162, 199) }
```

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

```
.background{ background-color: rgb(0, 162,  
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](#).

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