

Converting Colors

HunterLab(38.7742, 3.7223,
-52.2979)

Have a look what the booklet for
HunterLab(38.7742, 3.7223,
-52.2979) contains.

HunterLab(38.7742, 3.7223, -52.2979)	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(38.7742, 3.7223,
-52.2979)**

Conversions

Conversions Part 1

Format	Color
Hex	1F6DC0
RGB	31, 109, 192
RGB Percent	12%, 43%, 75%
CMY	0.8784, 0.5725, 0.2471
CMYK	0.84, 0.43, 0.00, 0.25
HSL	211°, 72%, 44%
HSV	211°, 84%, 75%
XYZ	15.5482, 15.0344, 51.9517
YIQ	95.1400, -73.1310, 9.2770

Conversions

Conversions Part 2

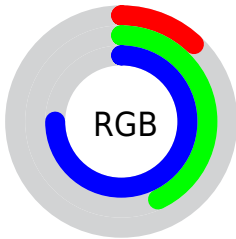
Format	Color
R_{YB}	31, 84, 192
Decimal	2059712
CIE Lab	45.68, 7.59, -49.93
CIE LCh	46, 50.508, 278.640
Yxy	15.0348, 0.1884, 0.1822
Android (android.graphics.Color)	4280249792 (0xFF1F6DC0)
YUV	95.1400, 47.7520, -56.2508
Hunter-Lab	38.7742, 3.7223, -52.2979

Details

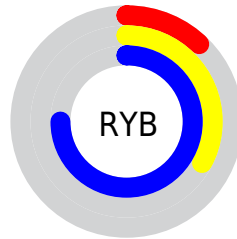
The HunterLab color **38.7742, 3.7223, -52.2979** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **48.3155, 18.9119, 28.5107**, and the grayscale version is **33.7298, -1.7997, 1.8326**.

A 20% lighter version of the original color is **59.0967, 3.4409, -53.4403**, and **22.9787, 8.8041, -47.7270** is the 20% darker color. If you saturate the color by 10%, you get **35.8129, 7.7800, -60.3576**, and if you desaturate by 10%, it is **42.0230, 0.4779, -44.4581**.

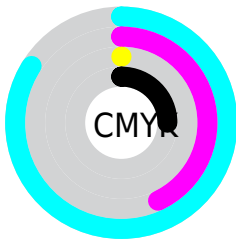
Distribution



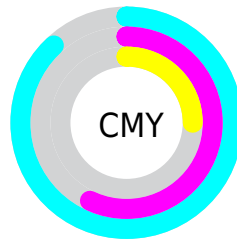
- Red (12%)
- Green (43%)
- Blue (75%)



- Red (12%)
- Yellow (33%)
- Blue (75%)



- Cyan (84%)
- Magenta (43%)
- Yellow (0%)
- Black (25%)



- Cyan (88%)
- Magenta (57%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.7742, 3.7223, -52.2979 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 38.7742, 3.7223, -52.2979 by changing the saturation by 10% instead.

■ 38.7742, 3.7223,
-52.2979

■ 38.7742, 3.7223,
-52.2979

■ 149.5249, 0.9484,
-58.3840

■ 29.7386, 3.7445,
-52.1226

■ 59.0883, 3.4657,
-53.4472

■ 21.5394, 3.6775,
-52.6178

■ 70.2649, 3.2460,
-54.1731

■ 14.2735, 3.5024,
-54.6337

■ 82.0688, 2.9736,
-54.9237

■ 7.9311, 3.7450,
-62.1843

■ 94.4685, 2.6527,
-55.6711

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 107.4365, 2.2870,
-56.3991

0.0000, NaN, -NF

120.9489, 1.8794,

0.0000, NaN, NaN

-57.0975

0.0000, NaN, NaN

134.9847, 1.4325,
-57.7603

■ 38.7742, 3.7223,
-52.2979

■ 38.7742, 3.7223,
-52.2979

■ 35.8129, 7.7800,
-60.3576

■ 42.0230, 0.4779,
-44.4581

■ 34.1119, 10.5790,
-65.4738

■ 45.5345, -1.9803,
-36.9111

■ 49.2836, -3.7155,
-29.6918

■ 53.2449, -4.8069,
-22.8065

■ 57.3956, -5.3352,
-16.2421

■ 61.7157, -5.3753,
-9.9747

■ 66.1877, -4.9936,
-3.9754

■ 70.7967, -4.2474,
1.7861

■ 75.5301, -3.1854,
7.3386

Harmonies

Analogous

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



38.7748, -14.8037, -47.9616



38.7742, 3.7223, -52.2979



38.7748, 24.2264, -37.3588

Triad

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



38.7748, 3.7232, -52.2969



38.7748, 31.7737, 18.4291



38.7748, -31.1742, 12.9834

Complementary

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



38.7742, 3.7223, -52.2979



48.3155, 18.9119, 28.5107

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.



38.7748, -22.8144, 20.9119



38.7742, 3.7223, -52.2979



38.7748, 12.5515, 22.8004

Square

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



38.7748, 3.7232, -52.2969



38.7748, 42.3929, 7.0950



38.7748, -7.5438, 23.4060



38.7748, -32.6115, -3.6382

Rectangle

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



38.7742, 3.7223, -52.2979



38.7748, 35.4178, -21.4156



38.7748, -7.5438, 23.4060



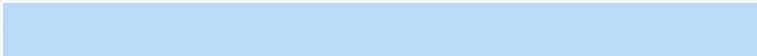
38.7748, -29.1731, 16.4618

Sweetspot

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



38.7748, 3.7232, -52.2969



82.1561, -7.2666, -14.7138



62.5700, -45.8438, 23.3627



37.0928, -3.3740, -8.1886



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



38.7748, 3.7232, -52.2969



45.3702, 15.3558, -89.8575



22.5348, 44.2936, -116.5476



32.4580, -2.2366, -0.6523



28.2568, 8.1242, -52.8564



6.9496, -0.2753, -8.0921

Inverse Universe

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



36.4576, 58.5490, -0.0394



46.5697, 82.7194, 7.0906



70.0037, -18.3808, 41.7153



31.8706, 1.7570, 0.8739



28.4399, 50.6293, 3.4540



6.0283, 10.9471, -0.9378

Previews

White Background



This preview shows how the HunterLab color 38.7742, 3.7223, -52.2979 looks on a white 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

Black Background



This preview shows how the HunterLab color 38.7742, 3.7223, -52.2979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

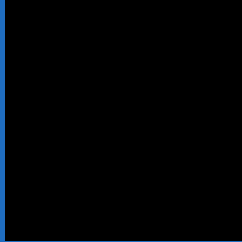
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 38.7742, 3.7223, -52.2979 Background



This preview shows how black text looks on a background with the HunterLab color 38.7742, 3.7223, -52.2979.



This preview shows how white text looks on a background with the HunterLab color 38.7742, 3.7223, -52.2979.

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

38.7742, 3.7223, -52.2979

Protanopia

38.7764, 8.8071, -48.6983

Deuteranopia

38.6816, 3.4138, -52.5428



Tritanopia

38.7188, -18.8314, -7.7436

Trichromacy



Original Color

38.7742, 3.7223, -52.2979

Protanomaly

38.5006, 6.6667, -50.3002

Deuteranomaly

38.7168, 3.5313, -52.4495

Tritanomaly

38.4660, -11.7722, -21.6318

Monochromacy



Original Color

38.7742, 3.7223, -52.2979

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

34.7905, -3.1170, -14.6081

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.7742, 3.7223, -52.2979 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(31, 109, 192)` looks like.

```
.text, #text, p{  
    color:rgb(31, 109, 192)  
}
```

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(31, 109, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 109, 192) }
```

Border

The CSS property to change the border of an element to HunterLab 38.7742, 3.7223, -52.2979 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(31, 109, 192) }
```


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

```
.border{ border-color:rgb(31, 109, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 109, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 109, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 109, 192);  
box-shadow:4px 4px 4px 4px rgb(31, 109,  
192) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.7742, 3.7223, -52.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 109, 192) }
```

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

```
.background{ background-color: rgb(31, 109,  
192) }
```

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