

Converting Colors

HunterLab(38.2023, -21.3467,
7.6744)

Have a look what the booklet for
HunterLab(38.2023, -21.3467,
7.6744) contains.

HunterLab(38.1803, -21.4472, 7.7812)	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(38.1803,
-21.4472, 7.7812)

Conversions

Conversions Part 1

Format	Color
Hex	30775B
RGB	48, 119, 91
RGB Percent	19%, 47%, 36%
CMY	0.8118, 0.5333, 0.6431
CMYK	0.60, 0.00, 0.24, 0.53
HSL	156°, 43%, 33%
HSV	156°, 60%, 47%
XYZ	9.7041, 14.5774, 12.1998
YIQ	94.5790, -33.3280, -23.7600

Conversions

Conversions Part 2

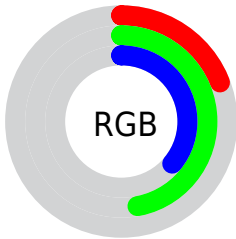
Format	Color
RYB	48, 92, 119
Decimal	3176283
CIELab	45.05, -29.46, 8.84
CIELCh	45, 30.753, 163.294
Yxy	14.5779, 0.2660, 0.3996
Android (android.graphics.Color)	4281366363 (0xFF30775B)
YUV	94.5790, -1.7644, -40.8498
Hunter-Lab	38.1803, -21.4472, 7.7812

Details

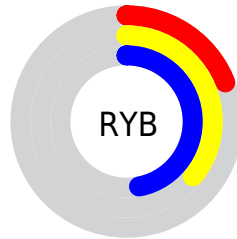
The HunterLab color **38.1803, -21.4472, 7.7812** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **25.6085, 24.6769, 0.3803**, and the grayscale version is **33.6876, -1.7975, 1.8303**.

A 20% lighter version of the original color is **58.4764, -26.2433, 10.0235**, and **21.3770, -15.1668, 6.0213** is the 20% darker color. If you saturate the color by 10%, you get **37.7464, -23.3997, 8.9181**, and if you desaturate by 10%, it is **38.7178, -19.1089, 6.6897**.

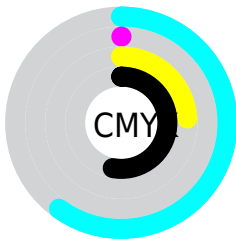
Distribution



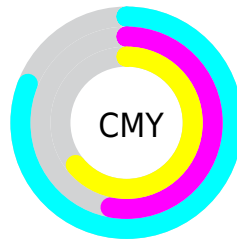
- Red (19%)
- Green (47%)
- Blue (36%)



- Red (19%)
- Yellow (36%)
- Blue (47%)



- Cyan (60%)
- Magenta (0%)
- Yellow (24%)
- Black (53%)



- Cyan (81%)
- Magenta (53%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.1803, -21.4472, 7.7812 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 38.1803, -21.4472, 7.7812 by changing the saturation by 10% instead.

■ 38.1803, -21.4472,
7.7812

■ 38.1803, -21.4472,
7.7812

148.5924,
-40.6272, 17.5289

■ 29.1954, -18.9067,
6.7168

■ 58.4047, -26.1289,
9.8916

■ 21.0520, -16.1568,
5.6288

■ 69.5404, -28.3348,
10.9503

■ 13.8490, -13.0890,
4.4917

■ 81.3058, -30.4780,
12.0169

■ 7.4775, -13.0857,
5.2343

■ 93.6687, -32.5720,
13.0937

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.6015,
-34.6268, 14.1822

0.0000, NaN, NaN

■ 120.0803,

0.0000, NaN, NaN

-36.6504, 15.2837

0.0000, NaN, NaN

134.0835,
-38.6489, 16.3991

■ 38.1803, -21.4472,
7.7812

■ 38.1803, -21.4472,
7.7812

■ 37.7464, -23.3997,
8.9181

■ 38.7178, -19.1089,
6.6897

■ 37.4088, -24.9690,
10.0836

■ 39.3598, -16.3910,
5.6563

■ 37.1608, -26.1727,
11.2609

■ 40.1084, -13.3105,
4.6933

■ 36.9697, -27.1366,
12.4104

■ 40.9638, -9.8911,
3.8104

■ 36.9634, -27.1684,
12.4477

■ 41.9247, -6.1613,
3.0148

■ 42.9889, -2.1526,
2.3115

■ 44.1534, 2.1024,
1.7032

■ 45.4147, 6.5712,
1.1909

■ 46.7687, 11.2232,
0.7736

Harmonies

Analogous

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



38.1811, -16.3984, 14.6959



38.1803, -21.4472, 7.7812



38.1811, -21.7230, -3.2309

Triad

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



38.1811, -21.4476, 7.7816



38.1811, 3.3247, -25.4917



38.1811, 15.9365, 14.1233

Complementary

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



38.1803, -21.4472, 7.7812



25.6085, 24.6769, 0.3803

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.



38.1811, 22.6720, 6.7199



38.1803, -21.4472, 7.7812



38.1811, 14.8160, -17.2269

Square

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



38.1811, -21.4476, 7.7816



38.1811, -8.3508, -24.9445



38.1811, 22.2386, -4.6681



38.1811, 4.7108, 17.5203

Rectangle

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



38.1803, -21.4472, 7.7812



38.1811, -19.2284, -11.7847



38.1811, 22.2386, -4.6681



38.1811, 18.8585, 12.1373

Sweetspot

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



38.1811, -21.4476, 7.7816



54.9635, -12.6551, 4.9641



38.6789, -20.8784, 19.1816



26.6134, -6.7273, 2.5496



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



38.1811, -21.4476, 7.7816



50.3070, -32.2486, 12.5800



36.7792, -14.2182, -5.7215



20.3273, -2.8620, 1.4362



38.0968, -28.0187, 12.8667



83.9968, -62.4832, 29.8945

Inverse Universe

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



25.6085, 24.6769, 0.3803



30.8081, 40.2806, 2.0368



26.2251, 18.8532, 10.1675



19.2940, 0.8201, 0.7582



20.9344, 36.8809, 5.5421



46.0412, 80.7850, 14.7267

Previews

White Background



This preview shows how the HunterLab color 38.1803, -21.4472, 7.7812 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 38.1803, -21.4472, 7.7812 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 38.1803, -21.4472, 7.7812 Background



This preview shows how black text looks on a background with the HunterLab color 38.1803, -21.4472, 7.7812.



This preview shows how white text looks on a background with the HunterLab color 38.1803,

-21.4472, 7.7812.

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

38.1803, -21.4472, 7.7812

Protanopia

38.0456, -2.7543, 10.0019

Deuteranopia

37.8445, 2.4595, 6.4011



Tritanopia

38.2708, -12.9983, -6.1871

Trichromacy



Original Color

38.1803, -21.4472, 7.7812

Protanomaly

37.6575, -11.2730, 8.8104

Deuteranomaly

37.3001, -7.8536, 6.0139

Tritanomaly

38.0432, -16.1571, -0.7313

Monochromacy



Original Color

38.1803, -21.4472, 7.7812

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

35.1119, -10.0362, 3.5784

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.1803, -21.4472, 7.7812 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(48, 119, 91)` looks like.

```
.text, #text, p{  
    color:rgb(48, 119, 91)  
}
```

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(48, 119, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 119, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 38.1803, -21.4472, 7.7812 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(48, 119, 91) }
```


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

```
.border{ border-color:rgb(48, 119, 91) }
```

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

Here you see how a box with a 4 pixel rgb(48, 119, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 119, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 119, 91);  
box-shadow:4px 4px 4px 4px rgb(48, 119,  
91) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.1803, -21.4472, 7.7812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 119, 91) }
```

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

```
.background{ background-color: rgb(48, 119,  
91) }
```

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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