

Converting Colors

HunterLab(38.7789, -22.3765,
23.5036)

Have a look what the booklet for
HunterLab(38.7789, -22.3765,
23.5036) contains.

HunterLab(38.8525, -22.3205, 23.5500)	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(38.8525,
-22.3205, 23.5500)**

Conversions

Conversions Part 1

Format	Color
Hex	4F7800
RGB	79, 120, 0
RGB Percent	31%, 47%, 0%
CMY	0.6902, 0.5294, 1.0000
CMYK	0.34, 0.00, 1.00, 0.53
HSL	81°, 100%, 24%
HSV	81°, 100%, 47%
XYZ	9.9409, 15.0952, 2.3897
YIQ	94.0610, 14.0840, -46.0120

Conversions

Conversions Part 2

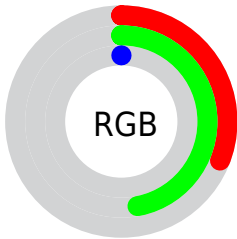
Format	Color
RYB	0, 120, 41
Decimal	5208064
CIELab	45.77, -30.65, 50.49
CIELCh	46, 59.067, 121.258
Yxy	15.0958, 0.3625, 0.5504
Android (android.graphics.Color)	4283398144 (0xFF4F7800)
YUV	94.0610, -46.3721, -13.2085
Hunter-Lab	38.8525, -22.3205, 23.5500

Details

The HunterLab color $[38.8525, -22.3205, 23.5500]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[13.5200, 33.1808, -69.0166]$, and the grayscale version is $[33.6430, -1.7951, 1.8279]$.

A 20% lighter version of the original color is $[59.2887, -27.4148, 31.3508]$, and $[21.7396, -16.0454, 13.1149]$ is the 20% darker color. If you saturate the color by 10%, you get $[38.8532, -22.3220, 23.5504]$, and if you desaturate by 10%, it is $[39.1199, -21.1915, 23.2070]$.

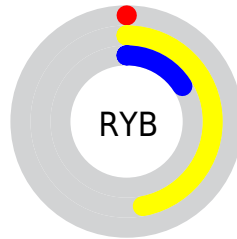
Distribution



Red (31%)

Green (47%)

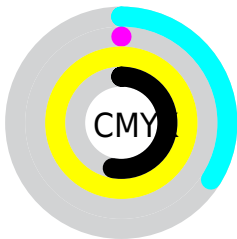
Blue (0%)



Red (0%)

Yellow (47%)

Blue (16%)

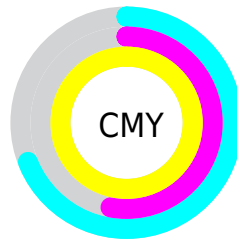


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (69%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.8525, -22.3205, 23.5500 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 38.8525, -22.3205, 23.5500 by changing the saturation by 10% instead.

■ 38.8525, -22.3205,
23.5500

■ 38.8525, -22.3205,
23.5500

149.6481,
-42.0342, 53.9747

■ 29.8105, -19.7026,
19.3140

■ 59.1787, -27.1434,
31.3241

■ 21.6040, -16.8686,
15.1228

■ 70.3607, -29.4135,
34.9159

■ 14.3298, -13.7101,
10.0309

■ 82.1697, -31.6175,
38.3544

■ 7.9890, -13.9807,
5.5923

■ 94.5742, -33.7695,
41.6646

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.5468,
-35.8799, 44.8668


0.0000, NaN, NaN


■ 121.0637,


0.0000, NaN, NaN


-37.9567, 47.9774


0.0000, NaN, NaN


 135.1037,
-40.0064, 51.0097


 38.8525, -22.3205,
23.5500


 38.8525, -22.3205,
23.5500


 38.8532, -22.3220,
23.5504

 39.1199, -21.1915,
23.2070

 39.4150, -19.9259,
22.6380

 39.7498, -18.4617,
21.6800

 40.1267, -16.7892,
20.2990

 40.5474, -14.9030,
18.4716

■ 41.0133, -12.8017,
16.1830

■ 41.5252, -10.4869,
13.4257

■ 42.0834, -7.9624,
10.1982

■ 42.6883, -5.2344,
6.5043

Harmonies

Analogous

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



38.8534, -3.0340, 24.9801



38.8525, -22.3205, 23.5500



38.8534, -33.5465, 17.3077

Triad

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



38.8534, -22.3214, 23.5502



38.8534, -21.0023, -55.1625



38.8534, 52.2385, 3.0203

Complementary

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



38.8525, -22.3205, 23.5500



13.5200, 33.1808, -69.0166

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.



38.8534, 44.3632, -23.7839



38.8525, -22.3205, 23.5500



38.8534, -1.1070, -67.0285

Square

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



38.8534, -22.3214, 23.5502



38.8534, -32.9176, -26.3737



38.8534, 23.4131, -53.1544



38.8534, 42.9941, 18.1369

Rectangle

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



38.8525, -22.3205, 23.5500



38.8534, -36.6262, 7.9385



38.8534, 23.4131, -53.1544



38.8534, 51.4950, -4.7781

Sweetspot

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



38.8534, -22.3214, 23.5502



55.0172, -14.1444, 18.0971



23.4760, 23.5857, 14.8782



26.6679, -7.4079, 9.4441



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.



38.8534, -22.3214, 23.5502



51.4531, -29.8952, 31.1818



36.8543, -30.5648, 22.1740



21.3743, -2.4887, 3.0733



40.5707, -23.3537, 24.5906



88.3351, -52.1022, 53.5196

Inverse Universe

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



13.5200, 33.1808, -69.0166



17.7372, 43.8219, -92.7723



20.1638, 41.2546, -39.1045



19.8846, 0.3446, -0.9894



14.0941, 34.6328, -72.2575



30.0796, 74.9721, -162.4202

Previews

White Background



This preview shows how the HunterLab color 38.8525, -22.3205, 23.5500 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 38.8525, -22.3205, 23.5500 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 38.8525, -22.3205, 23.5500 Background



This preview shows how black text looks on a background with the HunterLab color 38.8525, -22.3205, 23.5500.



This preview shows how white text looks on a background with the HunterLab color 38.8525,

-22.3205, 23.5500.

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

38.8525, -22.3205, 23.5500

Protanopia

38.5522, -5.4759, 23.6598

Deuteranopia

38.7254, 2.1005, 22.6581



Tritanopia

38.9468, -6.2900, -3.1620

Trichromacy



Original Color

38.8525, -22.3205, 23.5500

Protanomaly

38.2786, -12.2510, 23.3726

Deuteranomaly

38.2317, -7.9601, 22.7180

Tritanomaly

38.4831, -14.6267, 12.9227

Monochromacy



Original Color

38.8525, -22.3205, 23.5500

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

34.8577, -10.8902, 14.0171

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.8525, -22.3205, 23.5500 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(79, 120, 0)` looks like.

```
.text, #text, p{  
    color:rgb(79, 120, 0)  
}
```

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(79, 120, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 120, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 38.8525, -22.3205, 23.5500 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(79, 120, 0) }
```


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

```
.border{ border-color:rgb(79, 120, 0) }
```

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

Here you see how a box with a 4 pixel rgb(79, 120, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 120, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 120, 0);  
box-shadow:4px 4px 4px 4px rgb(79, 120, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 38.8525, -22.3205, 23.5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 120, 0) }
```

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

```
.background{ background-color: rgb(79, 120,  
0) }
```

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