

Converting Colors

HunterLab(38.0316, 30.5391,
-62.6096)

Have a look what the booklet for
HunterLab(38.0316, 30.5391,
-62.6096) contains.

HunterLab(38.0502, 30.2046, -62.1287)	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(38.0502, 30.2046,
-62.1287)**

Conversions

Conversions Part 1

Format	Color
Hex	7057C9
RGB	112, 87, 201
RGB Percent	44%, 34%, 79%
CMY	0.5608, 0.6588, 0.2118
CMYK	0.44, 0.57, 0.00, 0.21
HSL	253°, 51%, 56%
HSV	253°, 57%, 79%
XYZ	20.6329, 14.4782, 56.9655
YIQ	107.4710, -21.6940, 40.7540

Conversions

Conversions Part 2

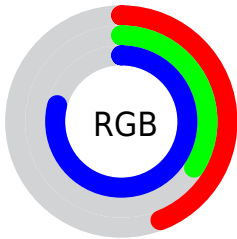
Format	Color
R_{YB}	112, 87, 201
Decimal	7362505
CIE _{Lab}	44.91, 37.95, -56.14
CIE _{LCh}	45, 67.762, 304.062
Yxy	14.4787, 0.2241, 0.1572
Android (android.graphics.Color)	4285552585 (0xFF7057C9)
YUV	107.4710, 46.1098, 3.9719
Hunter-Lab	38.0502, 30.2046, -62.1287

Details

The HunterLab color $38.0502, 30.2046, -62.1287$ is a dark color, and the websafe version is hex $6666CC$. The color can be described as middle muted purple. A complement of this color would be $71.8968, -25.2415, 36.4246$, and the grayscale version is $38.3601, -2.0468, 2.0842$.

A 20% lighter version of the original color is $58.1653, 31.7075, -60.0409$, and $20.9217, 27.1062, -63.6990$ is the 20% darker color. If you saturate the color by 10%, you get $32.7466, 37.5440, -79.2141$, and if you desaturate by 10%, it is $43.9536, 23.2575, -47.0485$.

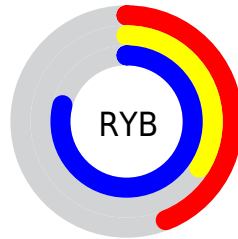
Distribution



Red (44%)

Green (34%)

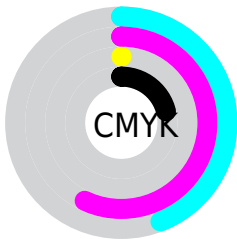
Blue (79%)



Red (44%)

Yellow (34%)

Blue (79%)

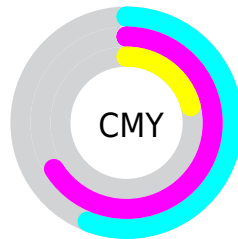


Cyan (44%)

Magenta (57%)

Yellow (0%)

Black (21%)



Cyan (56%)

Magenta (66%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0502, 30.2046, -62.1287 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 38.0502, 30.2046, -62.1287 by changing the saturation by 10% instead.

■ 38.0502, 30.2046, -62.1287

■ 38.0502, 30.2046, -62.1287

■ 148.3875, 38.7611, -68.2645

■ 29.0763, 28.7232, -62.3707

■ 58.2546, 32.7931, -62.9484

■ 20.9452, 27.1170, -63.6503

■ 69.3813, 33.9154, -63.6395

■ 13.7562, 25.4288, -67.2470

■ 81.1382, 34.9356, -64.4029

■ 7.3740, 25.7768, -80.5847

■ 93.4930, 35.8617, -65.1958

0.0000, INF, -NF

0.0000, NaN, -NF

■ 106.4181, 36.7013, -65.9922

0.0000, NaN, -NF

119.8894, 37.4608,

0.0000, NaN, NaN

-66.7755

0.0000, NaN, NaN

133.8855, 38.1457,
-67.5352

■ 38.0502, 30.2046,
-62.1287

■ 38.0502, 30.2046,
-62.1287

■ 32.7466, 37.5440,
-79.2141

■ 43.9536, 23.2575,
-47.0485

■ 28.2256, 44.9104,
-97.8963

■ 50.3211, 16.7688,
-33.8064

■ 24.7158, 51.3792,
-116.4293

■ 57.0590, 10.6929,
-22.0725

■ 22.4037, 55.5457,
-131.4613

■ 64.1009, 4.9545,
-11.5260

■ 21.8046, 56.6807,
-135.8285

■ 71.3986, -0.5192,
-1.9009

■ 78.9168, -5.7895,
7.0111

■ 86.6285, -10.9056,
15.3692

■ 94.5130, -15.9056,
23.2951

■ 98.3172, -14.2944,
27.0087

Harmonies

Analogous

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



38.0508, 1.5731, -82.4331



38.0502, 30.2046, -62.1287



38.0508, 54.1564, -25.1488

Triad

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



38.0508, 30.2050, -62.1274



38.0508, 22.3921, 24.8187



38.0508, -40.1569, -1.4529

Complementary

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



38.0502, 30.2046, -62.1287



71.8968, -25.2415, 36.4246

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.



38.0508, -37.3563, 17.5517



38.0502, 30.2046, -62.1287



38.0508, -5.5084, 25.5634

Square

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



38.0508, 30.2050, -62.1274



38.0508, 48.8613, 20.2378



38.0508, -26.1760, 24.1583



38.0508, -35.2186, -35.3436

Rectangle

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



38.0502, 30.2046, -62.1287



38.0508, 61.5385, -3.1838



38.0508, -26.1760, 24.1583



38.0508, -40.0782, 6.6695

Sweetspot

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



38.0508, 30.2050, -62.1274



83.3841, 6.8655, -15.7695



61.1654, -19.3218, -16.2128



37.6972, 3.8714, -8.5524

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.0508, 30.2050, -62.1274



41.4260, 51.3066, -108.9804



44.0858, 45.3256, -46.3571



32.2456, 0.4247, -2.0357



17.3864, 45.0248, -106.9811



4.1961, 10.1779, -20.4815

Inverse Universe

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



47.2955, 50.5811, -21.4608



56.7826, 79.0207, -32.1501



68.1212, -39.9307, 33.4288



32.8257, 2.2605, -0.2792



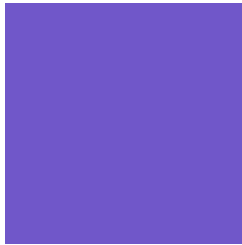
30.5787, 57.4126, -19.3534



6.7299, 12.7617, -5.2368

Previews

White Background



This preview shows how the HunterLab color 38.0502, 30.2046, -62.1287 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 38.0502, 30.2046, -62.1287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

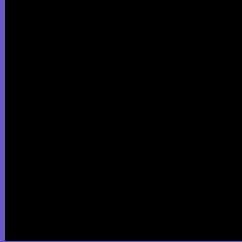
Any Text WCAG AA × Fail

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 38.0502, 30.2046, -62.1287 Background



This preview shows how black text looks on a background with the HunterLab color 38.0502, 30.2046, -62.1287.



This preview shows how white text looks on a background with the HunterLab color 38.0502, 30.2046, -62.1287.

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

38.0502, 30.2046, -62.1287

Protanopia

38.2229, 14.8061, -79.0764

Deuteranopia

38.0614, 2.6444, -53.2821



Tritanopia

38.0387, -5.3152, -3.3688

Trichromacy



Original Color

38.0502, 30.2046, -62.1287

Protanomaly

37.2300, 17.5076, -75.9471

Deuteranomaly

36.7776, 10.0044, -60.3963

Tritanomaly

37.5475, 6.2889, -20.9940

Monochromacy



Original Color

38.0502, 30.2046, -62.1287

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

37.8003, 7.8534, -16.0954

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0502, 30.2046, -62.1287 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(112, 87, 201)` looks like.

```
.text, #text, p{  
    color:rgb(112, 87, 201)  
}
```

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(112, 87, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 87, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0502, 30.2046, -62.1287 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(112, 87, 201) }
```


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

```
.border{ border-color:rgb(112, 87, 201) }
```

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

Here you see how a box with a 4 pixel rgb(112, 87, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 87, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 87, 201);  
box-shadow:4px 4px 4px 4px rgb(112, 87,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.0502, 30.2046, -62.1287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 87, 201) }
```

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

```
.background{ background-color: rgb(112, 87,  
201) }
```

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