

Converting Colors

HunterLab(60.7462, -38.0573,
26.4086)

Have a look what the booklet for
HunterLab(60.7462, -38.0573,
26.4086) contains.

HunterLab(60.7032, -38.0974, 26.3949)	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(60.7032,
-38.0974, 26.3949)**

Conversions

Conversions Part 1

Format	Color
Hex	5AB75E
RGB	90, 183, 94
RGB Percent	35%, 72%, 37%
CMY	0.6471, 0.2823, 0.6314
CMYK	0.51, 0.00, 0.49, 0.28
HSL	123°, 39%, 54%
HSV	123°, 51%, 72%
XYZ	23.1703, 36.8488, 16.4810
YIQ	145.0470, -26.8590, -47.3950

Conversions

Conversions Part 2

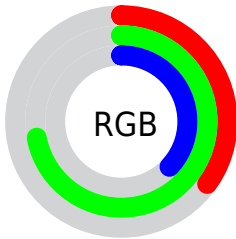
Format	Color
RYB	90, 179, 183
Decimal	5945182
CIELab	67.16, -46.12, 36.80
CIELCh	67, 59.001, 141.414
Yxy	36.8503, 0.3029, 0.4817
Android (android.graphics.Color)	4284135262 (0xFF5AB75E)
YUV	145.0470, -25.1662, -48.2762
Hunter-Lab	60.7032, -38.0974, 26.3949

Details

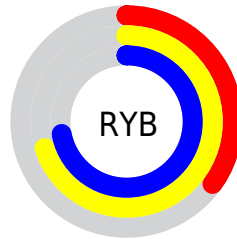
The HunterLab color **60.7032, -38.0974, 26.3949** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **45.4257, 43.5862, -26.9114**, and the grayscale version is **53.3373, -2.8459, 2.8979**.

A 20% lighter version of the original color is **83.9681, -44.4752, 31.7604**, and **40.1707, -31.1832, 20.5429** is the 20% darker color. If you saturate the color by 10%, you get **59.8024, -42.2533, 29.2425**, and if you desaturate by 10%, it is **61.8341, -33.0011, 22.9609**.

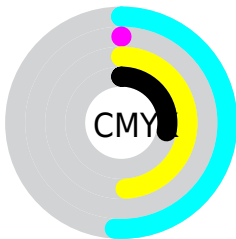
Distribution



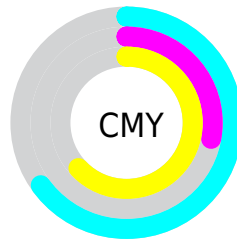
- Red (35%)
- Green (72%)
- Blue (37%)



- Red (35%)
- Yellow (70%)
- Blue (72%)



- Cyan (51%)
- Magenta (0%)
- Yellow (49%)
- Black (28%)



- Cyan (65%)
- Magenta (28%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.7032, -38.0974, 26.3949 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 60.7032, -38.0974, 26.3949 by changing the saturation by 10% instead.

■ 60.7032, -38.0974,
26.3949

■ 60.7032, -38.0974,
26.3949

182.3903,
-63.6303, 48.3196

■ 50.0915, -34.7733,
23.5737

■ 83.8705, -44.3200,
31.6970

■ 40.1813, -31.2522,
20.5978

■ 96.3560, -47.2701,
34.2198

■ 31.0275, -27.4725,
17.4240

■ 109.4062,
-50.1377, 36.6777

■ 22.6989, -23.3381,
14.0563

■ 122.9975,
-52.9366, 39.0820

■ 15.2871, -18.8093,
10.7010

137.1091,
-55.6774, 41.4416

■ 8.9060, -15.5855,
6.2342

151.7227,

0.0000, NaN, NaN

-58.3687, 43.7640

0.0000, NaN, NaN

166.8214,
-61.0177, 46.0550

0.0000, NaN, NaN

■ 60.7032, -38.0974,
26.3949

■ 60.7032, -38.0974,
26.3949

■ 59.8024, -42.2533,
29.2425

■ 61.8341, -33.0011,
22.9609

■ 59.1200, -45.4524,
31.4873

■ 63.1947, -27.0057,
18.9726

■ 58.6437, -47.7189,
33.1365

■ 64.7854, -20.1794,
14.4773

■ 58.3537, -49.1193,
34.2220

■ 66.6023, -12.6050,
9.5305

■ 58.2114, -49.8105,
34.7673

■ 68.6386, -4.3732,
4.1922

■ 70.8858, 4.4230,
-1.4778

■ 73.3337, 13.6945,
-7.4224

■ 75.9718, 23.3584,
-13.5894

■ 78.7886, 33.3409,
-19.9327

Harmonies

Analogous

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



60.7045, -20.7156, 33.2915



60.7032, -38.0974, 26.3949



60.7045, -45.7867, 10.0922

Triad

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



60.7045, -38.0984, 26.3953



60.7045, -10.6498, -66.6308



60.7045, 51.7261, 18.4458

Complementary

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



60.7032, -38.0974, 26.3949



45.4257, 43.5862, -26.9114

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.



60.7045, 55.6691, -4.3710



60.7032, -38.0974, 26.3949



60.7045, 16.4624, -61.1874

Square

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



60.7045, -38.0984, 26.3953



60.7045, -31.8151, -47.9761



60.7045, 41.8421, -35.2730



60.7045, 31.8423, 30.2598

Rectangle

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



60.7032, -38.0974, 26.3949



60.7045, -45.4807, -7.0695



60.7045, 41.8421, -35.2730



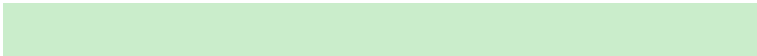
60.7045, 55.0808, 12.1191

Sweetspot

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



60.7045, -38.0984, 26.3953



88.0170, -21.4725, 15.7548



66.5570, -15.6895, 32.1205



41.1264, -11.0885, 8.0557



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



60.7045, -38.0984, 26.3953



79.9069, -57.1207, 39.5329



61.5824, -32.8267, 13.6325



31.7273, -5.4193, 4.1566



48.6219, -41.5855, 28.9982



9.1407, -7.7349, 5.2722

Inverse Universe

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



45.4257, 43.5862, -26.9114



56.1559, 71.0158, -43.9161



43.6861, 35.6968, -2.7702



30.2587, 2.2855, -0.8883



30.3125, 59.0543, -35.7860



5.7095, 11.1510, -6.9556

Previews

White Background



This preview shows how the HunterLab color 60.7032, -38.0974, 26.3949 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 60.7032, -38.0974, 26.3949 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 ✓ Pass

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

HunterLab 60.7032, -38.0974, 26.3949 Background



This preview shows how black text looks on a background with the HunterLab color 60.7032, -38.0974, 26.3949.



This preview shows how white text looks on a background with the HunterLab color 60.7032,

-38.0974, 26.3949.

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

60.7032, -38.0974, 26.3949

Protanopia

60.3873, -6.9266, 28.2361

Deuteranopia

60.0983, 4.2337, 24.9601



Tritanopia

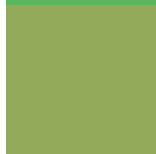
60.6548, -16.8480, -8.8757

Trichromacy



Original Color

60.7032, -38.0974, 26.3949



Protanomaly

59.7417, -20.1324, 26.8604



Deuteranomaly

59.1272, -14.2201, 24.5978



Tritanomaly

60.5209, -26.0849, 7.3119

Monochromacy



Original Color

60.7032, -38.0974, 26.3949



Achromatopsia

53.2117, -2.8392, 2.8911



Achromatomaly

55.3738, -17.5358, 12.6795

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.7032, -38.0974, 26.3949 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(90, 183, 94)` looks like.

```
.text, #text, p{  
    color:rgb(90, 183, 94)  
}
```

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(90, 183, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 183, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 60.7032, -38.0974, 26.3949 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(90, 183, 94) }
```


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

```
.border{ border-color:rgb(90, 183, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 183, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 183, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 183, 94);  
box-shadow:4px 4px 4px 4px rgb(90, 183,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.7032, -38.0974, 26.3949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 183, 94) }
```

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

```
.background{ background-color: rgb(90, 183,  
94) }
```

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