

Converting Colors

HunterLab(30.8060, 16.5172,
-38.7306)

Have a look what the booklet for
HunterLab(30.8060, 16.5172,
-38.7306) contains.

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Color

**HunterLab(30.8852, 16.1712,
-38.5392)**

Conversions

Conversions Part 1

Format	Color
Hex	554D99
RGB	85, 77, 153
RGB Percent	33%, 30%, 60%
CMY	0.6667, 0.6980, 0.4000
CMYK	0.44, 0.50, 0.00, 0.40
HSL	246°, 33%, 45%
HSV	246°, 50%, 60%
XYZ	12.1500, 9.5390, 31.3378
YIQ	88.0560, -19.6280, 25.3320

Conversions

Conversions Part 2

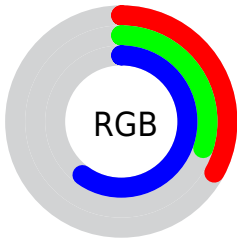
Format	Color
R_{YB}	85, 77, 153
Decimal	5590425
CIE _{Lab}	37.00, 23.42, -40.66
CIE _{LCh}	37, 46.925, 299.935
Yxy	9.5393, 0.2291, 0.1799
Android (android.graphics.Color)	4283780505 (0xFF554D99)
YUV	88.0560, 32.0174, -2.6801
Hunter-Lab	30.8852, 16.1712, -38.5392

Details

The HunterLab color $[30.8852, 16.1712, -38.5392]$ is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be $[54.1646, -14.3523, 25.4389]$, and the grayscale version is $[31.1514, -1.6622, 1.6925]$.

A 20% lighter version of the original color is $[49.8789, 17.6644, -39.8894]$, and $[15.2270, 13.8884, -38.3136]$ is the 20% darker color. If you saturate the color by 10%, you get $[26.5787, 21.1693, -50.4798]$, and if you desaturate by 10%, it is $[35.5554, 11.6529, -28.1418]$.

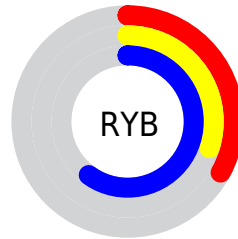
Distribution



Red (33%)

Green (30%)

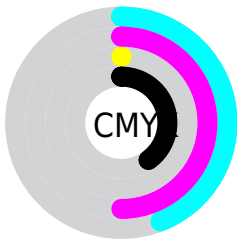
Blue (60%)



Red (33%)

Yellow (30%)

Blue (60%)

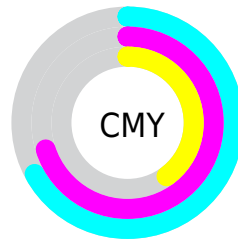


Cyan (44%)

Magenta (50%)

Yellow (0%)

Black (40%)



Cyan (67%)

Magenta (70%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.8852, 16.1712, -38.5392 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 30.8852, 16.1712, -38.5392 by changing the saturation by 10% instead.

30.8852, 16.1712,
-38.5392

30.8852, 16.1712,
-38.5392

136.8764, 20.1742,
-43.8786

22.5712, 15.2188,
-38.3012

49.9252, 17.6858,
-39.7006

15.1752, 14.1119,
-38.7642

60.5271, 18.2796,
-40.3766

8.8047, 12.9749,
-41.3354

71.7885, 18.7808,
-41.0492

0.0000, INF, -NF

0.0000, NaN, -NF

83.6729, 19.1987,
-41.6970

0.0000, NaN, -NF

96.1491, 19.5411,
-42.3086

0.0000, NaN, NaN

109.1903, 19.8144,

0.0000, NaN, NaN

-42.8778

0.0000, NaN, NaN

122.7730, 20.0239,
-43.4016

■ 30.8852, 16.1712,
-38.5392

■ 30.8852, 16.1712,
-38.5392

■ 26.5787, 21.1693,
-50.4798

■ 35.5554, 11.6529,
-28.1418

■ 22.7458, 26.6303,
-64.0743

■ 40.5104, 7.5434,
-19.0136

■ 19.5429, 32.2791,
-78.8241

■ 45.6972, 3.7585,
-10.8774

■ 17.1592, 37.3261,
-92.9057

■ 51.0777, 0.2243,
-3.5049

■ 15.5754, 41.2598,
-104.4017

■ 56.6241, -3.1184,
3.2809

■ 15.5275, 41.4028,
-104.7822

■ 62.3158, -6.3155,
9.6143

■ 68.1366, -9.4016,
15.5966

■ 74.0740, -12.4033,
21.3046

■ 80.1178, -15.3408,
26.7971

Harmonies

Analogous

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



30.8857, -1.6860, -47.5065



30.8852, 16.1712, -38.5392



30.8857, 31.5572, -18.0045

Triad

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



30.8857, 16.1713, -38.5382



30.8857, 16.2480, 18.2006



30.8857, -27.7606, 1.7158

Complementary

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



30.8852, 16.1712, -38.5392



54.1646, -14.3523, 25.4389

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.



30.8857, -24.9213, 13.4499



30.8852, 16.1712, -38.5392



30.8857, -1.6133, 19.3241

Square

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



30.8857, 16.1713, -38.5382



30.8857, 31.6077, 13.4168



30.8857, -16.1675, 18.2112



30.8857, -24.9458, -17.9099

Rectangle

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



30.8852, 16.1712, -38.5392



30.8857, 37.0055, -4.1827



30.8857, -16.1675, 18.2112



30.8857, -27.4456, 6.5817

Sweetspot

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



30.8857, 16.1713, -38.5382



64.2752, 2.9239, -10.1286



49.2455, -17.3205, -6.2426



29.5551, 1.8058, -5.6641



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



30.8857, 16.1713, -38.5382



34.7473, 29.3990, -70.1677



34.3357, 25.7692, -30.4314



24.6088, 0.0341, -1.5296



14.1437, 37.6606, -95.0377



1.9256, 4.7734, -10.1952

Inverse Universe

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



37.5826, 33.5033, -18.5148



46.2179, 55.3045, -30.3855



51.4482, -24.6596, 23.1788



25.1246, 1.7373, -0.4922



26.6275, 51.2074, -26.2585



3.2984, 6.4101, -3.7714

Previews

White Background



This preview shows how the HunterLab color 30.8852, 16.1712, -38.5392 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 30.8852, 16.1712, -38.5392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

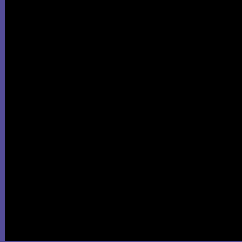
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 30.8852, 16.1712, -38.5392 Background



This preview shows how black text looks on a background with the HunterLab color 30.8852, 16.1712, -38.5392.



This preview shows how white text looks on a background with the HunterLab color 30.8852, 16.1712, -38.5392.

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

30.8852, 16.1712, -38.5392

Protanopia

31.1426, 7.9787, -44.8640

Deuteranopia

30.9431, 2.1382, -36.1829



Tritanopia

30.8160, -5.3493, -3.3373

Trichromacy



Original Color

30.8852, 16.1712, -38.5392

Protanomaly

30.8145, 10.4512, -43.0695

Deuteranomaly

30.5929, 6.4286, -37.7781

Tritanomaly

30.4973, 1.7657, -14.4979

Monochromacy



Original Color

30.8852, 16.1712, -38.5392

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

30.8816, 3.9056, -10.3333

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.8852, 16.1712, -38.5392 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(85, 77, 153)` looks like.

```
.text, #text, p{  
    color:rgb(85, 77, 153)  
}
```

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(85, 77, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 77, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 30.8852, 16.1712, -38.5392 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(85, 77, 153) }
```


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

```
.border{ border-color:rgb(85, 77, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 77, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 77, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 77, 153);  
box-shadow:4px 4px 4px 4px rgb(85, 77,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.8852, 16.1712, -38.5392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 77, 153) }
```

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

```
.background{ background-color: rgb(85, 77,  
153) }
```

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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