

Converting Colors

HunterLab(40.4876, 50.3215,
-17.1003)

Have a look what the booklet for
HunterLab(40.4876, 50.3215,
-17.1003) contains.

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Color

**HunterLab(40.5525, 50.2633,
-16.9380)**

Conversions

Conversions Part 1

Format	Color
Hex	B94297
RGB	185, 66, 151
RGB Percent	73%, 26%, 59%
CMY	0.2745, 0.7412, 0.4078
CMYK	0.00, 0.64, 0.18, 0.27
HSL	317°, 47%, 49%
HSV	317°, 64%, 73%
XYZ	27.5417, 16.4451, 31.0007
YIQ	111.2710, 43.6390, 51.6630

Conversions

Conversions Part 2

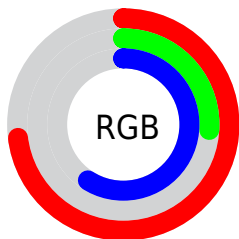
Format	Color
R_{YB}	185, 66, 151
Decimal	12141207
CIE _{Lab}	47.55, 56.93, -22.00
CIE _{LCh}	48, 61.032, 338.873
Yxy	16.4459, 0.3673, 0.2193
Android (android.graphics.Color)	4290331287 (0xFFB94297)
YUV	111.2710, 19.5864, 64.6603
Hunter-Lab	40.5525, 50.2633, -16.9380

Details

The HunterLab color $40.5525, 50.2633, -16.9380$ is a dark color, and the websafe version is hex $CC3399$. A complement of this color would be $60.6439, -41.6754, 24.8499$, and the grayscale version is $39.8905, -2.1285, 2.1673$.

A 20% lighter version of the original color is $61.0865, 54.2956, -17.4672$, and $23.4719, 44.1162, -15.2194$ is the 20% darker color. If you saturate the color by 10%, you get $38.0191, 56.5258, -17.8104$, and if you desaturate by 10%, it is $43.7537, 42.7302, -15.0843$.

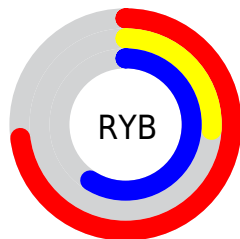
Distribution



Red (73%)

Green (26%)

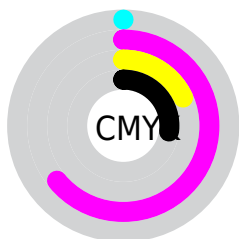
Blue (59%)



Red (73%)

Yellow (26%)

Blue (59%)

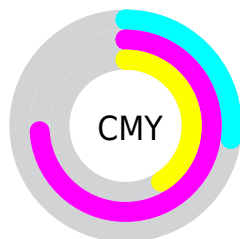


Cyan (0%)

Magenta (64%)

Yellow (18%)

Black (27%)



Cyan (27%)

Magenta (74%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.5525, 50.2633, -16.9380 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 40.5525, 50.2633, -16.9380 by changing the saturation by 10% instead.

40.5525, 50.2633,
-16.9380

40.5525, 50.2633,
-16.9380

152.3018, 64.4402,
-18.3106

31.3691, 48.2099,
-16.4880

61.1314, 54.1026,
-17.6520

23.0068, 46.1379,
-15.9970

72.4281, 55.8681,
-17.9147

15.5572, 44.2151,
-15.5180

84.3459, 57.5299,
-18.1165

9.1449, 43.0455,
-15.2539

96.8539, 59.0917,
-18.2602

0.0000, INF, -NF

0.0000, NaN, NaN

109.9256, 60.5586,
-18.3487

0.0000, NaN, NaN

123.5375, 61.9357,

0.0000, NaN, NaN

-18.3849

137.6691, 63.2280,
-18.3713

■ 40.5525, 50.2633,
-16.9380

■ 40.5525, 50.2633,
-16.9380

■ 38.0191, 56.5258,
-17.8104

■ 43.7537, 42.7302,
-15.0843

■ 36.1932, 61.0064,
-17.5458

■ 47.5495, 34.4464,
-12.4715

■ 35.0653, 63.3781,
-16.1292

■ 51.8626, 25.8094,
-9.3072

■ 34.6181, 64.1079,
-15.0201

■ 56.6184, 17.0845,
-5.7604

■ 61.7517, 8.4258,
-1.9545

■ 67.2073, -0.0897,
2.0256

■ 72.9403, -8.4327,
6.1235

■ 78.9138, -16.6008,
10.3029

■ 85.0981, -24.6056,
14.5406

Harmonies

Analogous

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



40.5535, 30.9184, -48.7523



40.5525, 50.2633, -16.9380



40.5535, 54.0049, 8.3921

Triad

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



40.5535, 50.2609, -16.9366



40.5535, -9.0185, 26.0068



40.5535, -32.1168, -35.9624

Complementary

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



40.5525, 50.2633, -16.9380



60.6439, -41.6754, 24.8499

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.



40.5535, -38.3339, -5.1367



40.5525, 50.2633, -16.9380



40.5535, -27.1795, 23.6311

Square

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



40.5535, 50.2609, -16.9366



40.5535, 15.7752, 25.4839



40.5535, -36.7643, 15.0210



40.5535, -17.4453, -63.4687

Rectangle

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



40.5525, 50.2633, -16.9380



40.5535, 46.4706, 18.1591



40.5535, -36.7643, 15.0210



40.5535, -35.0899, -25.1066

Sweetspot

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



40.5535, 50.2609, -16.9366



79.1550, 17.0383, -5.1921



31.7701, 33.9066, -65.4877



35.8543, 9.4428, -3.0778



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.



40.5535, 50.2609, -16.9366



49.8035, 78.3264, -23.8843



38.7047, 42.3922, 9.1556



30.1957, 1.9481, 0.0063



28.5887, 52.9814, -12.7083



5.4609, 10.2791, -3.6585

Inverse Universe

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



40.5535, 50.2609, -16.9366



49.8035, 78.3264, -23.8843



61.9414, -33.8371, 6.0836



30.1957, 1.9481, 0.0063



28.5887, 52.9814, -12.7083



5.4609, 10.2791, -3.6585

Previews

White Background



This preview shows how the HunterLab color 40.5525, 50.2633, -16.9380 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 40.5525, 50.2633, -16.9380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

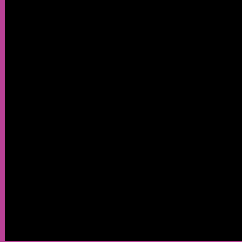
Any Text WCAG AA × Fail

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 40.5525, 50.2633, -16.9380 Background



This preview shows how black text looks on a background with the HunterLab color 40.5525, 50.2633, -16.9380.



This preview shows how white text looks on a background with the HunterLab color 40.5525, 50.2633, -16.9380.

-16.9380.

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

40.5525, 50.2633, -16.9380

Protanopia

40.9826, 7.6437, -42.6282

Deuteranopia

40.7071, 2.8814, -13.2967



Tritanopia

40.5892, 32.0742, 12.0861

Trichromacy



Original Color

40.5525, 50.2633, -16.9380

Protanomaly

39.0301, 20.7775, -36.4169

Deuteranomaly

39.4021, 19.4400, -16.9169

Tritanomaly

40.3475, 38.1318, 3.4300

Monochromacy



Original Color

40.5525, 50.2633, -16.9380

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

38.8511, 16.2702, -5.8982

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.5525, 50.2633, -16.9380 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(185, 66, 151)` looks like.

```
.text, #text, p{  
    color:rgb(185, 66, 151)  
}
```

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(185, 66, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 66, 151) }
```

Border

The CSS property to change the border of an element to HunterLab 40.5525, 50.2633, -16.9380 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(185, 66, 151) }
```


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

```
.border{ border-color:rgb(185, 66, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 66, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 66, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 66, 151);  
box-shadow:4px 4px 4px 4px rgb(185, 66,  
151) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.5525, 50.2633, -16.9380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 66, 151) }
```

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

```
.background{ background-color: rgb(185, 66,  
151) }
```

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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