

Converting Colors

HunterLab(36.0760, 52.6838,
-13.3373)

Have a look what the booklet for
HunterLab(36.0760, 52.6838,
-13.3373) contains.

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Color

**HunterLab(36.0480, 52.5000,
-13.3659)**

Conversions

Conversions Part 1

Format	Color
Hex	B12E85
RGB	177, 46, 133
RGB Percent	69%, 18%, 52%
CMY	0.3059, 0.8196, 0.4784
CMYK	0.00, 0.74, 0.25, 0.31
HSL	320°, 59%, 44%
HSV	320°, 74%, 69%
XYZ	23.3421, 12.9946, 23.4683
YIQ	95.0870, 50.1490, 54.8290

Conversions

Conversions Part 2

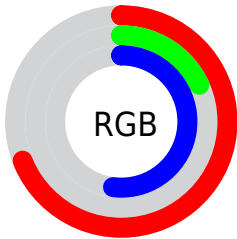
Format	Color
R_{YB}	177, 46, 133
Decimal	11611781
CIE _{Lab}	42.76, 59.86, -18.61
CIE _{LCh}	43, 62.684, 342.729
Yxy	12.9953, 0.3903, 0.2173
Android (android.graphics.Color)	4289801861 (0xFFB12E85)
YUV	95.0870, 18.6911, 71.8377
Hunter-Lab	36.0480, 52.5000, -13.3659

Details

The HunterLab color **36.0480, 52.5000, -13.3659** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **57.2397, -41.8694, 24.5166**, and the grayscale version is **33.7817, -1.8025, 1.8354**.

A 20% lighter version of the original color is **55.9273, 56.6196, -13.7941**, and **21.4886, 39.7062, -8.6434** is the 20% darker color. If you saturate the color by 10%, you get **34.2434, 56.7783, -12.7028**, and if you desaturate by 10%, it is **38.5274, 46.5726, -13.0018**.

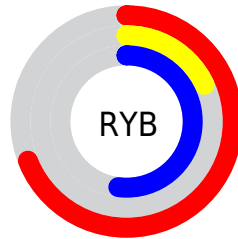
Distribution



Red (69%)

Green (18%)

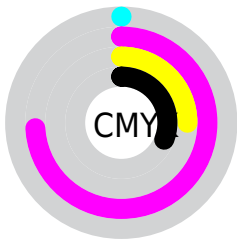
Blue (52%)



Red (69%)

Yellow (18%)

Blue (52%)

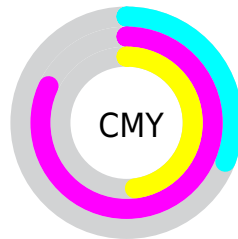


Cyan (0%)

Magenta (74%)

Yellow (25%)

Black (31%)



Cyan (31%)

Magenta (82%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.0480, 52.5000, -13.3659 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 36.0480, 52.5000, -13.3659 by changing the saturation by 10% instead.

36.0480, 52.5000,
-13.3659

36.0480, 52.5000,
-13.3659

145.2196, 67.8871,
-14.0205

27.2494, 50.3680,
-12.9782

55.9422, 56.5922,
-13.9328

19.3118, 48.3160,
-12.5365

66.9284, 58.4986,
-14.1160

12.3426, 46.6881,
-12.0908

78.5523, 60.3024,
-14.2365

5.5237, 58.7790,
-15.4542

90.7807, 62.0050,
-14.2980

0.0000, INF, -NF

0.0000, NaN, NaN

103.5850, 63.6101,
-14.3040

0.0000, NaN, NaN

116.9404, 65.1224,

0.0000, NaN, NaN

-14.2579

0.0000, NaN, NaN

130.8251, 66.5465,
-14.1625

■ 36.0480, 52.5000,
-13.3659

■ 36.0480, 52.5000,
-13.3659

■ 34.2434, 56.7783,
-12.7028

■ 38.5274, 46.5726,
-13.0018

■ 33.1071, 59.0857,
-11.0235

■ 41.6340, 39.4991,
-11.7396

■ 32.6258, 59.8487,
-9.7395

■ 45.2995, 31.7531,
-9.7604

■ 49.4490, 23.6990,
-7.2445

■ 54.0119, 15.5749,
-4.3415

■ 58.9268, 7.5173,
-1.1637

■ 64.1424, -0.4068,
2.2093

■ 69.6167, -8.1730,
5.7226

■ 75.3156, -15.7802,
9.3393

Harmonies

Analogous

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



36.0489, 34.3536, -46.3818



36.0480, 52.5000, -13.3659



36.0489, 53.9274, 10.2420

Triad

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



36.0489, 52.4974, -13.3646



36.0489, -11.3957, 23.7885



36.0489, -29.5874, -41.3801

Complementary

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



36.0480, 52.5000, -13.3659



57.2397, -41.8694, 24.5166

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.



36.0489, -36.3889, -8.9130



36.0480, 52.5000, -13.3659



36.0489, -27.8543, 21.4575

Square

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



36.0489, 52.4974, -13.3646



36.0489, 12.5729, 23.6406



36.0489, -35.8492, 12.5764



36.0489, -14.4421, -68.4666

Rectangle

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



36.0480, 52.5000, -13.3659



36.0489, 44.7851, 18.3765



36.0489, -35.8492, 12.5764



36.0489, -32.7266, -30.0800

Sweetspot

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



36.0489, 52.4974, -13.3646



73.3249, 19.0753, -5.1383



26.9930, 39.3757, -74.0414



33.3555, 10.2071, -2.8938



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



36.0489, 52.4974, -13.3646



44.7387, 78.3049, -15.6798



34.2304, 45.1587, 12.4549



29.3210, 1.8118, 0.1886



27.7918, 51.0180, -8.5817



5.0334, 9.4198, -2.9487

Inverse Universe

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



36.0489, 52.4974, -13.3646



44.7387, 78.3049, -15.6798



58.6496, -33.3062, 4.1325



29.3210, 1.8118, 0.1886



27.7918, 51.0180, -8.5817



5.0334, 9.4198, -2.9487

Previews

White Background



This preview shows how the HunterLab color 36.0480, 52.5000, -13.3659 looks on a white background.

Color Contrast Check

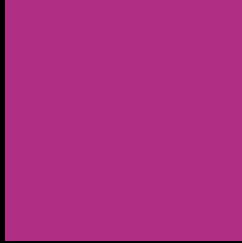
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.0480, 52.5000, -13.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

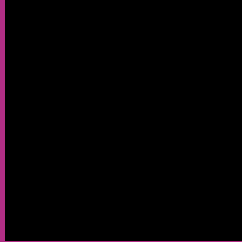
Any Text WCAG AA × Fail

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 36.0480, 52.5000, -13.3659 Background



This preview shows how black text looks on a background with the HunterLab color 36.0480, 52.5000, -13.3659.



This preview shows how white text looks on a background with the HunterLab color 36.0480, 52.5000, -13.3659.

-13.3659.

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

36.0480, 52.5000, -13.3659

Protanopia

36.7048, 7.3661, -41.9382

Deuteranopia

36.5103, 2.4931, -9.5130



Tritanopia

36.2067, 35.5688, 13.4446

Trichromacy



Original Color

36.0480, 52.5000, -13.3659

Protanomaly

33.8995, 21.9413, -36.0958

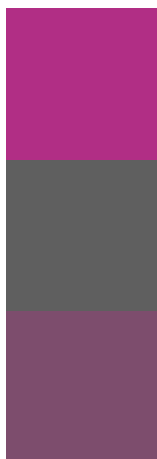
Deuteranomaly

34.5130, 20.9736, -14.0449

Tritanomaly

35.9401, 41.3800, 5.7865

Monochromacy



Original Color

36.0480, 52.5000, -13.3659

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

32.8205, 18.0074, -5.5972

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.0480, 52.5000, -13.3659 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(177, 46, 133)` looks like.

```
.text, #text, p{  
    color:rgb(177, 46, 133)  
}
```

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(177, 46, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 46, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 36.0480, 52.5000, -13.3659 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(177, 46, 133) }
```


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

```
.border{ border-color:rgb(177, 46, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 46, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 46, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 46, 133);  
box-shadow:4px 4px 4px 4px rgb(177, 46,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.0480, 52.5000, -13.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 46, 133) }
```

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

```
.background{ background-color: rgb(177, 46,  
133) }
```

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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