

Converting Colors

HunterLab(45.9745, 39.8252,
-33.0480)

Have a look what the booklet for
HunterLab(45.9745, 39.8252,
-33.0480) contains.

HunterLab(45.9933, 40.0066, -33.0214)	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(45.9933, 40.0066,
-33.0214)**

Conversions

Conversions Part 1

Format	Color
Hex	AF60BD
RGB	175, 96, 189
RGB Percent	69%, 38%, 74%
CMY	0.3137, 0.6235, 0.2588
CMYK	0.07, 0.49, 0.00, 0.26
HSL	291°, 41%, 56%
HSV	291°, 49%, 74%
XYZ	31.0474, 21.1538, 50.5909
YIQ	130.2230, 17.2310, 45.6710

Conversions

Conversions Part 2

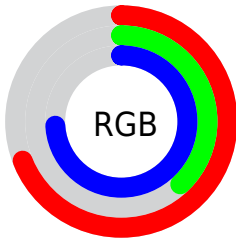
Format	Color
R_{YB}	175, 96, 189
Decimal	11493565
CIE _{Lab}	53.12, 46.43, -35.74
CIE _{LCh}	53, 58.588, 322.414
Yxy	21.1547, 0.3020, 0.2058
Android (android.graphics.Color)	4289683645 (0xFFAF60BD)
YUV	130.2230, 28.9771, 39.2694
Hunter-Lab	45.9933, 40.0066, -33.0214

Details

The HunterLab color $45.9933, 40.0066, -33.0214$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $63.6830, -36.4944, 28.2984$, and the grayscale version is $47.2206, -2.5196, 2.5656$.

A 20% lighter version of the original color is $67.3086, 43.0799, -34.5723$, and $27.4658, 36.5490, -31.9165$ is the 20% darker color. If you saturate the color by 10%, you get $42.1721, 48.4980, -40.8514$, and if you desaturate by 10%, it is $50.3593, 31.0741, -25.1072$.

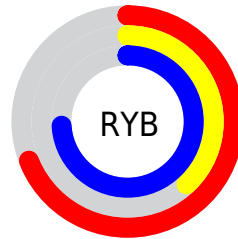
Distribution



Red (69%)

Green (38%)

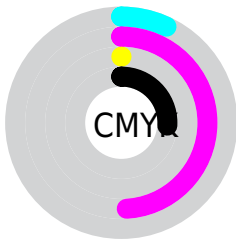
Blue (74%)



Red (69%)

Yellow (38%)

Blue (74%)

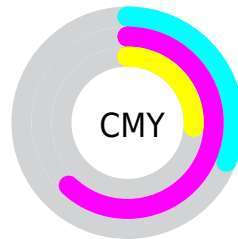


Cyan (7%)

Magenta (49%)

Yellow (0%)

Black (26%)



Cyan (31%)

Magenta (62%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.9933, 40.0066, -33.0214 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 45.9933, 40.0066, -33.0214 by changing the saturation by 10% instead.

45.9933, 40.0066,
-33.0214

45.9933, 40.0066,
-33.0214

160.6548, 50.6029,
-37.2937

36.3829, 38.3165,
-32.3978

67.3386, 43.0364,
-34.2679

27.5537, 36.5189,
-31.8575

78.9850, 44.3876,
-34.8445

19.5833, 34.6497,
-31.5583

91.2347, 45.6384,
-35.3761

12.5767, 32.8460,
-31.9233

104.0595, 46.7953,
-35.8590

5.8756, 39.1156,
-40.4170

117.4344, 47.8647,
-36.2919

0.0000, INF, -NF

0.0000, NaN, -NF

131.3379, 48.8524,

-36.6748

0.0000, NaN, NaN

145.7505, 49.7636,
-37.0083

0.0000, NaN, NaN

■ 45.9933, 40.0066,
-33.0214

■ 45.9933, 40.0066,
-33.0214

■ 42.1721, 48.4980,
-40.8514

■ 50.3593, 31.0741,
-25.1072

■ 38.9748, 56.0820,
-48.2413

■ 55.1876, 22.0189,
-17.3314

■ 36.4729, 62.1684,
-54.7005

■ 60.4095, 13.0221,
-9.8002

■ 34.7003, 66.2013,
-59.7201

■ 65.9665, 4.1746,
-2.5504

■ 33.5568, 68.1658,
-63.1933

■ 71.8107, -4.4886,
4.4207

■ 33.4731, 68.2998,
-63.4552

■ 77.9035, -12.9641,
11.1356

■ 84.2138, -21.2643,
17.6242

■ 90.7162, -29.4087,
23.9179

■ 93.5721, -32.2639,
26.5881

Harmonies

Analogous

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



45.9943, 16.4460, -59.1700



45.9933, 40.0066, -33.0214



45.9943, 52.6512, -3.6615

Triad

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



45.9943, 40.0052, -33.0199



45.9943, 3.7804, 28.1952



45.9943, -37.7475, -17.5203

Complementary

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



45.9933, 40.0066, -33.0214



63.6830, -36.4944, 28.2984

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.



45.9943, -39.7731, 7.9181



45.9933, 40.0066, -33.0214



45.9943, -18.7268, 27.3761

Square

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



45.9943, 40.0052, -33.0199



45.9943, 29.1270, 25.4428



45.9943, -33.5482, 22.0062



45.9943, -27.3036, -47.4762

Rectangle

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



45.9933, 40.0066, -33.0214



45.9943, 51.6920, 10.9579



45.9943, -33.5482, 22.0062



45.9943, -39.3351, -7.9407

Sweetspot

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



45.9943, 40.0052, -33.0199



83.7432, 12.7054, -9.2233



42.0003, 10.4331, -41.9005



38.1156, 7.0541, -5.2333



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



45.9943, 40.0052, -33.0199



56.0916, 65.7050, -55.4293



46.5339, 38.7884, -11.8630



31.0186, 2.0263, -1.2502



27.5048, 56.0903, -51.8966



5.6246, 11.3538, -9.7106

Inverse Universe

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



45.0680, 31.9680, 8.9221



54.7444, 53.2027, 14.6848



63.5727, -35.8541, 19.8185



30.9179, 1.2437, 2.0538



27.1005, 46.6507, 15.6492



5.4335, 9.4908, 2.0709

Previews

White Background



This preview shows how the HunterLab color 45.9933, 40.0066, -33.0214 looks on a white background.

Color Contrast Check

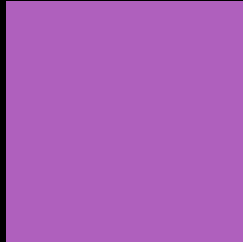
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 45.9933, 40.0066, -33.0214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

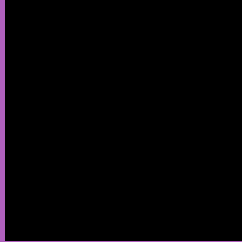
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 45.9933, 40.0066, -33.0214 Background



This preview shows how black text looks on a background with the HunterLab color 45.9933, 40.0066, -33.0214.



This preview shows how white text looks on a background with the HunterLab color 45.9933, 40.0066, -33.0214.

-33.0214.

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

45.9933, 40.0066, -33.0214

Protanopia

46.3077, 9.7838, -52.7478

Deuteranopia

46.1994, 3.5099, -28.9644



Tritanopia

45.9084, 16.7529, 5.2200

Trichromacy



Original Color

45.9933, 40.0066, -33.0214

Protanomaly

45.2850, 18.9859, -47.3830

Deuteranomaly

45.2881, 15.7094, -31.9085

Tritanomaly

45.6272, 24.6243, -6.7909

Monochromacy



Original Color

45.9933, 40.0066, -33.0214

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

46.1543, 11.7334, -8.9653

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.9933, 40.0066, -33.0214 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(175, 96, 189)` looks like.

```
.text, #text, p{  
    color:rgb(175, 96, 189)  
}
```

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(175, 96, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 96, 189) }
```

Border

The CSS property to change the border of an element to HunterLab 45.9933, 40.0066, -33.0214 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(175, 96, 189) }
```


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

```
.border{ border-color:rgb(175, 96, 189) }
```

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

Here you see how a box with a 4 pixel rgb(175, 96, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 96, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 96, 189);  
box-shadow:4px 4px 4px 4px rgb(175, 96,  
189) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.9933, 40.0066, -33.0214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 96, 189) }
```

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

```
.background{ background-color: rgb(175, 96,  
189) }
```

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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