

Converting Colors

HunterLab(48.6650, 43.2817,
-56.0419)

Have a look what the booklet for
HunterLab(48.6650, 43.2817,
-56.0419) contains.

HunterLab(48.6650, 43.2817, -56.0419)	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(48.6650, 43.2817,
-56.0419)**

Conversions

Conversions Part 1

Format	Color
Hex	AA67E1
RGB	170, 103, 225
RGB Percent	67%, 40%, 88%
CMY	0.3333, 0.5961, 0.1176
CMYK	0.24, 0.54, 0.00, 0.12
HSL	273°, 67%, 64%
HSV	273°, 54%, 88%
XYZ	35.0185, 23.6828, 73.9598
YIQ	136.9410, 0.7700, 52.1460

Conversions

Conversions Part 2

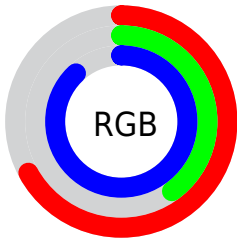
Format	Color
R _Y B	170, 103, 225
Decimal	11167713
CIE Lab	55.77, 49.10, -52.07
CIE LCh	56, 71.565, 313.317
Yxy	23.6837, 0.2640, 0.1785
Android (android.graphics.Color)	4289357793 (0xFFAA67E1)
YUV	136.9410, 43.4131, 28.9927
Hunter-Lab	48.6650, 43.2817, -56.0419

Details

The HunterLab color $48.6650, 43.2817, -56.0419$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $78.8031, -39.4298, 38.2127$, and the grayscale version is $49.8262, -2.6586, 2.7072$.

A 20% lighter version of the original color is $68.9137, 39.8208, -38.2346$, and $29.8295, 39.5266, -55.5353$ is the 20% darker color. If you saturate the color by 10%, you get $43.2512, 52.1066, -70.0872$, and if you desaturate by 10%, it is $54.7285, 34.1806, -42.8501$.

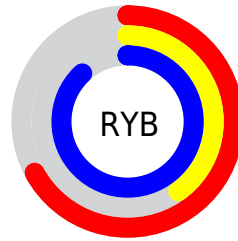
Distribution



Red (67%)

Green (40%)

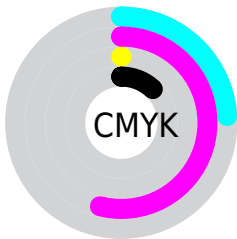
Blue (88%)



Red (67%)

Yellow (40%)

Blue (88%)

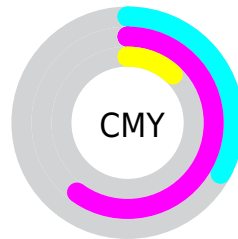


Cyan (24%)

Magenta (54%)

Yellow (0%)

Black (12%)



Cyan (33%)

Magenta (60%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.6650, 43.2817, -56.0419 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 48.6650, 43.2817, -56.0419 by changing the saturation by 10% instead.

48.6650, 43.2817,
-56.0419

48.6650, 43.2817,
-56.0419

164.6869, 54.4766,
-62.3860

38.8577, 41.5329,
-55.5985

70.3659, 46.4399,
-57.3938

29.8145, 39.6798,
-55.5310

82.1753, 47.8576,
-58.1548

21.6076, 37.7575,
-56.2273

94.5800, 49.1756,
-58.9220

14.3329, 35.8874,
-58.6376

107.5529, 50.4001,
-59.6764

7.9922, 35.6027,
-67.0416

121.0700, 51.5372,
-60.4060

0.0000, INF, -NF

0.0000, NaN, -NF

135.1103, 52.5924,

-61.1035

0.0000, NaN, -NF

149.6549, 53.5707,
-61.7644

0.0000, NaN, NaN

■ 48.6650, 43.2817,
-56.0419

■ 48.6650, 43.2817,
-56.0419

■ 43.2512, 52.1066,
-70.0872

■ 54.7285, 34.1806,
-42.8501

■ 38.6262, 60.0857,
-84.4898

■ 61.3201, 25.1053,
-30.6517

■ 34.9379, 66.3300,
-98.1962

■ 68.3475, 16.1851,
-19.3958

■ 32.2879, 69.8386,
-109.6895

■ 75.7390, 7.4588,
-8.9633

■ 31.1276, 70.7709,
-115.2641

■ 83.4398, -1.0782,
0.7790

■ 91.4075, -9.4481,
9.9543

■ 97.8049, -14.8818,
16.8235

■ 98.7386, -11.5582,
17.8654

■ 99.1041, -10.2661,
18.2710

Harmonies

Analogous

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



48.6659, 11.3154, -85.8491



48.6650, 43.2817, -56.0419



48.6659, 65.3534, -15.7415

Triad

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



48.6659, 43.2811, -56.0402



48.6659, 14.9676, 31.2790



48.6659, -46.7498, -11.6536

Complementary

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



48.6650, 43.2817, -56.0419



78.8031, -39.4298, 38.2127

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.



48.6659, -46.2244, 15.8433



48.6650, 43.2817, -56.0419



48.6659, -15.1074, 31.4406

Square

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



48.6659, 43.2811, -56.0402



48.6659, 46.5032, 27.1697



48.6659, -36.0017, 27.9613



48.6659, -37.6672, -51.5465

Rectangle

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



48.6650, 43.2817, -56.0419



48.6659, 68.8361, 5.6986



48.6659, -36.0017, 27.9613



48.6659, -47.6109, -0.6116

Sweetspot

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



48.6659, 43.2811, -56.0402



85.6454, 10.4793, -12.5366



57.8266, -3.2083, -37.4610



38.7988, 5.8081, -6.9354

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.6659, 43.2811, -56.0402



49.1357, 61.2514, -82.8098



55.6109, 59.7831, -37.5694



36.8950, 1.5604, -1.9661



23.7775, 53.8940, -86.7602



6.6696, 14.6774, -20.9261

Inverse Universe

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



53.0824, 48.5870, -2.5713



55.7905, 67.2403, -1.7559



76.0247, -50.4509, 35.0998



37.1521, 2.0693, 1.1518



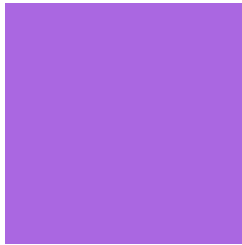
31.2945, 55.4116, 6.1231



8.3468, 14.9809, 0.0704

Previews

White Background



This preview shows how the HunterLab color 48.6650, 43.2817, -56.0419 looks on a white background.

Color Contrast Check

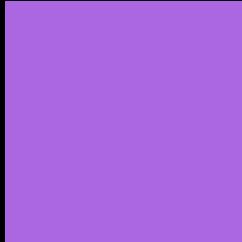
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.6650, 43.2817, -56.0419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

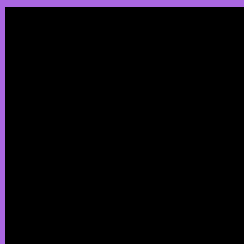
Any Text WCAG AA ✓ Pass

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 48.6650, 43.2817, -56.0419 Background



This preview shows how black text looks on a background with the HunterLab color 48.6650, 43.2817, -56.0419.



This preview shows how white text looks on a background with the HunterLab color 48.6650, 43.2817, -56.0419.

-56.0419.

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

48.6650, 43.2817, -56.0419

Protanopia

49.1889, 14.9813, -79.4364

Deuteranopia

48.9019, 4.5975, -51.0406



Tritanopia

48.6496, 8.1402, 1.7332

Trichromacy



Original Color

48.6650, 43.2817, -56.0419

Protanomaly

47.8622, 23.2293, -74.1625

Deuteranomaly

47.8509, 16.7717, -54.9806

Tritanomaly

48.2261, 19.4021, -15.4883

Monochromacy



Original Color

48.6650, 43.2817, -56.0419

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

48.9095, 12.5442, -15.1454

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.6650, 43.2817, -56.0419 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(170, 103, 225)` looks like.

```
.text, #text, p{  
    color:rgb(170, 103, 225)  
}
```

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(170, 103, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 103, 225) }
```

Border

The CSS property to change the border of an element to HunterLab 48.6650, 43.2817, -56.0419 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(170, 103, 225) }
```


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

```
.border{ border-color:rgb(170, 103, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 103, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 103, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 103, 225); box-shadow:4px 4px 4px 4px rgb(170, 103, 225) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.6650, 43.2817, -56.0419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 103, 225) }
```

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

```
.background{ background-color: rgb(170,  
103, 225) }
```

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