

Converting Colors

HunterLab(23.5740, 16.8580,
-45.6058)

Have a look what the booklet for
HunterLab(23.5740, 16.8580,
-45.6058) contains.

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Color

**HunterLab(23.4608, 17.0152,
-46.0115)**

Conversions

Conversions Part 1

Format	Color
Hex	38388A
RGB	56, 56, 138
RGB Percent	22%, 22%, 54%
CMY	0.7804, 0.7804, 0.4588
CMYK	0.59, 0.59, 0.00, 0.46
HSL	240°, 42%, 38%
HSV	240°, 59%, 54%
XYZ	7.6325, 5.5041, 24.7049
YIQ	65.3480, -26.3220, 25.5020

Conversions

Conversions Part 2

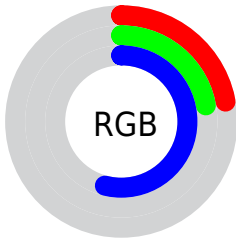
Format	Color
R_{YB}	56, 56, 138
Decimal	3684490
CIE _{Lab}	28.13, 25.52, -45.91
CIE _{LCh}	28, 52.523, 299.071
Yxy	5.5043, 0.2017, 0.1455
Android (android.graphics.Color)	4281874570 (0xFF38388A)
YUV	65.3480, 35.8174, -8.1982
Hunter-Lab	23.4608, 17.0152, -46.0115

Details

The HunterLab color **23.4608, 17.0152, -46.0115** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **48.8524, -11.3804, 25.3626**, and the grayscale version is **22.9990, -1.2272, 1.2496**.

A 20% lighter version of the original color is **41.0923, 18.9634, -46.3008**, and **10.1477, 15.5065, -46.1579** is the 20% darker color. If you saturate the color by 10%, you get **20.0043, 21.9734, -58.5544**, and if you desaturate by 10%, it is **27.3591, 12.6468, -35.0280**.

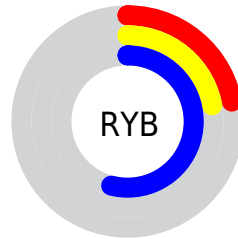
Distribution



Red (22%)

Green (22%)

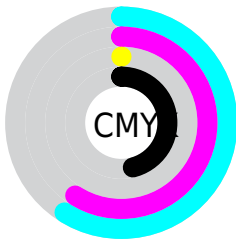
Blue (54%)



Red (22%)

Yellow (22%)

Blue (54%)

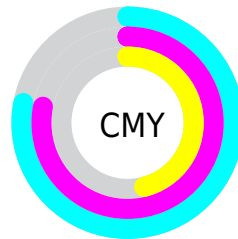


Cyan (59%)

Magenta (59%)

Yellow (0%)

Black (46%)



Cyan (78%)

Magenta (78%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.4608, 17.0152, -46.0115 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 23.4608, 17.0152, -46.0115 by changing the saturation by 10% instead.

■ 23.4608, 17.0152,
-46.0115

■ 23.4608, 17.0152,
-46.0115

■ 124.3313, 22.5456,
-51.1492

■ 15.9564, 15.8246,
-46.9466

■ 41.1017, 18.9587,
-46.4366

■ 9.4849, 14.4865,
-50.3604

■ 51.0817, 19.7418,
-47.0468

0.0000, INF, -NF

■ 61.7597, 20.4186,
-47.7399

0.0000, NaN, -NF

■ 73.0928, 21.0006,
-48.4595

0.0000, NaN, -NF

■ 85.0451, 21.4971,
-49.1746

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.5860, 21.9160,

0.0000, NaN, NaN

-49.8674

0.0000, NaN, NaN

110.6892, 22.2637,
-50.5276

■ 23.4608, 17.0152,
-46.0115

■ 23.4608, 17.0152,
-46.0115

■ 20.0043, 21.9734,
-58.5544

■ 27.3591, 12.6468,
-35.0280

■ 17.1384, 27.3159,
-72.1442

■ 31.5917, 8.8310,
-25.5053

■ 15.0457, 32.3172,
-84.9158

■ 36.0862, 5.4670,
-17.1742

■ 13.6293, 36.4762,
-95.5633

■ 40.7925, 2.4539,
-9.7690

■ 13.5463, 36.7441,
-96.2499

■ 45.6754, -0.2914,
-3.0722

■ 50.7093, -2.8326,
3.0836

■ 55.8752, -5.2177,
8.8243

■ 61.1584, -7.4828,
14.2442

■ 66.5475, -9.6548,
19.4146

Harmonies

Analogous

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



23.4611, -1.7852, -56.7202



23.4608, 17.0152, -46.0115



23.4611, 34.2635, -21.2432

Triad

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



23.4611, 17.0158, -46.0107



23.4611, 18.2149, 15.8154



23.4611, -25.9585, 1.7799

Complementary

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



23.4608, 17.0152, -46.0115



48.8524, -11.3804, 25.3626

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.



23.4611, -23.3683, 12.3555



23.4608, 17.0152, -46.0115



23.4611, -0.7162, 16.4228

Square

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



23.4611, 17.0158, -46.0107



23.4611, 35.0842, 11.9778



23.4611, -15.2221, 15.9658



23.4611, -23.6777, -19.6497

Rectangle

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



23.4608, 17.0152, -46.0115



23.4611, 40.6970, -5.4825



23.4611, -15.2221, 15.9658



23.4611, -25.6452, 6.4798

Sweetspot

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



23.4611, 17.0158, -46.0107



54.8194, 2.8656, -12.0100



45.6649, -20.0802, -3.4323



25.1905, 1.8197, -6.8205



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



23.4611, 17.0158, -46.0107



25.2855, 31.3435, -83.2517



26.8417, 25.7223, -36.1221



22.1185, -0.1748, -1.4006



12.9710, 35.1834, -92.1617



1.0573, 2.8677, -7.5111

Inverse Universe

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



31.7278, 37.2073, -24.7280



38.9789, 58.9943, -39.4118



45.8301, -22.8236, 23.0005



22.6473, 1.6192, -0.6923



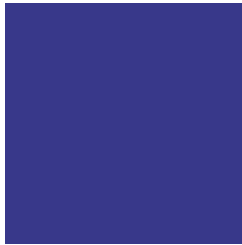
25.7610, 50.6465, -33.9732



2.0997, 4.1280, -2.7692

Previews

White Background



This preview shows how the HunterLab color 23.4608, 17.0152, -46.0115 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 23.4608, 17.0152, -46.0115 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 23.4608, 17.0152, -46.0115 Background



This preview shows how black text looks on a background with the HunterLab color 23.4608, 17.0152, -46.0115.



This preview shows how white text looks on a background with the HunterLab color 23.4608, 17.0152, -46.0115.

-46.0115.

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

23.4608, 17.0152, -46.0115

Protanopia

23.3332, 7.1889, -44.6832

Deuteranopia

23.2779, -0.2634, -28.5268



Tritanopia

23.3367, -8.7198, -4.0849

Trichromacy



Original Color

23.4608, 17.0152, -46.0115

Protanomaly

23.0051, 9.9628, -46.6456

Deuteranomaly

23.0134, 4.8960, -35.7194

Tritanomaly

22.9082, -0.4660, -17.0965

Monochromacy



Original Color

23.4608, 17.0152, -46.0115

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

22.8956, 3.9113, -12.0434

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.4608, 17.0152, -46.0115 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(56, 56, 138)` looks like.

```
.text, #text, p{  
    color:rgb(56, 56, 138)  
}
```

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(56, 56, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 56, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 23.4608, 17.0152, -46.0115 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(56, 56, 138) }
```


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

```
.border{ border-color:rgb(56, 56, 138) }
```

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

Here you see how a box with a 4 pixel rgb(56, 56, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 56, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 56, 138);  
box-shadow:4px 4px 4px 4px rgb(56, 56,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.4608, 17.0152, -46.0115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 56, 138) }
```

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

```
.background{ background-color: rgb(56, 56,  
138) }
```

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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