

Converting Colors

HunterLab(23.1829, 18.2883,
-48.3905)

Have a look what the booklet for
HunterLab(23.1829, 18.2883,
-48.3905) contains.

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Color

**HunterLab(23.1787, 18.6094,
-48.8567)**

Conversions

Conversions Part 1

Format	Color
Hex	38368C
RGB	56, 54, 140
RGB Percent	22%, 21%, 55%
CMY	0.7804, 0.7882, 0.4510
CMYK	0.60, 0.61, 0.00, 0.45
HSL	241°, 44%, 38%
HSV	241°, 61%, 55%
XYZ	7.6837, 5.3725, 25.4429
YIQ	64.4020, -26.4140, 27.1700

Conversions

Conversions Part 2

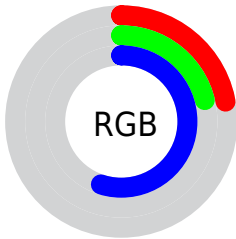
Format	Color
R_{YB}	56, 54, 140
Decimal	3683980
CIE _{Lab}	27.77, 27.53, -47.72
CIE _{LCh}	28, 55.091, 299.980
Yxy	5.3727, 0.1996, 0.1396
Android (android.graphics.Color)	4281874060 (0xFF38368C)
YUV	64.4020, 37.2698, -7.3686
Hunter-Lab	23.1787, 18.6094, -48.8567

Details

The HunterLab color **23.1787, 18.6094, -48.8567** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **49.4222, -12.3594, 26.0505**, and the grayscale version is **22.6641, -1.2093, 1.2314**.

A 20% lighter version of the original color is **40.7209, 20.5589, -48.8612**, and **10.0455, 17.0187, -49.2945** is the 20% darker color. If you saturate the color by 10%, you get **19.7744, 23.7156, -61.7912**, and if you desaturate by 10%, it is **27.0515, 14.0483, -37.4644**.

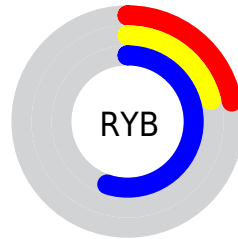
Distribution



Red (22%)

Green (21%)

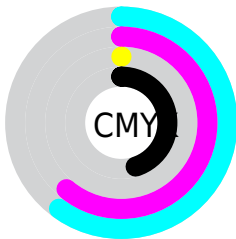
Blue (55%)



Red (22%)

Yellow (21%)

Blue (55%)

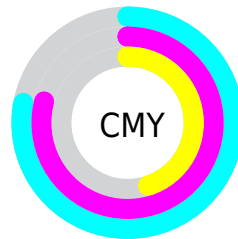


Cyan (60%)

Magenta (61%)

Yellow (0%)

Black (45%)



Cyan (78%)

Magenta (79%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.1787, 18.6094, -48.8567 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 23.1787, 18.6094, -48.8567 by changing the saturation by 10% instead.

■ 23.1787, 18.6094,
-48.8567

■ 23.1787, 18.6094,
-48.8567

■ 123.8388, 24.9388,
-53.8576

■ 15.7084, 17.3213,
-50.0947

■ 40.7614, 20.7513,
-49.0651

■ 9.2753, 15.9106,
-54.2316

■ 50.7158, 21.6297,
-49.6450

0.0000, INF, -NF

■ 61.3698, 22.3983,
-50.3318

0.0000, NaN, -NF

■ 72.6803, 23.0688,
-51.0602

0.0000, NaN, -NF

■ 84.6112, 23.6508,
-51.7940

0.0000, NaN, NaN

■ 97.1318, 24.1521,

0.0000, NaN, NaN

0.0000, NaN, NaN

-52.5123

0.0000, NaN, NaN

110.2154, 24.5796,
-53.2026

■ 23.1787, 18.6094,
-48.8567

■ 23.1787, 18.6094,
-48.8567

■ 19.7744, 23.7156,
-61.7912

■ 27.0515, 14.0483,
-37.4644

■ 16.9955, 29.0741,
-75.5733

■ 31.2780, 10.0330,
-27.5824

■ 15.0260, 33.8359,
-88.0486

■ 35.7799, 6.4756,
-18.9530

■ 13.8366, 37.3796,
-97.1353

■ 40.5036, 3.2772,
-11.3034

■ 45.4112, 0.3542,
-4.4056

■ 50.4755, -2.3589,
1.9177

■ 55.6763, -4.9119,
7.8001

■ 60.9981, -7.3421,
13.3420

■ 66.4289, -9.6776,
18.6191

Harmonies

Analogous

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



23.1790, -1.2499, -61.2520



23.1787, 18.6094, -48.8567



23.1790, 36.7665, -21.8499

Triad

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



23.1790, 18.6101, -48.8559



23.1790, 18.6371, 16.1931



23.1790, -26.6069, 1.2730

Complementary

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



23.1787, 18.6094, -48.8567



49.4222, -12.3594, 26.0505

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.



23.1790, -24.1600, 12.3979



23.1787, 18.6094, -48.8567



23.1790, -1.2261, 16.2253

Square

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



23.1790, 18.6101, -48.8559



23.1790, 36.7852, 12.3900



23.1790, -16.0626, 16.1965



23.1790, -24.1666, -21.8134

Rectangle

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



23.1787, 18.6094, -48.8567



23.1790, 43.3750, -5.1948



23.1790, -16.0626, 16.1965



23.1790, -26.3419, 6.2698

Sweetspot

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



23.1790, 18.6101, -48.8559



55.7434, 3.1338, -12.1223



45.8452, -20.1712, -4.1908



25.9490, 2.0050, -7.0055



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



23.1790, 18.6101, -48.8559



24.6175, 34.4327, -89.5809



26.7444, 27.5269, -38.0421



22.1302, -0.1346, -1.3847



13.0474, 35.2384, -91.5230



1.0929, 2.8942, -7.2213

Inverse Universe

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



31.6997, 38.6845, -24.7595



38.8332, 61.2791, -39.2481



46.3529, -24.0382, 23.6775



22.6429, 1.5958, -0.6303



25.5981, 50.0823, -31.8672



2.0935, 4.1066, -2.6892

Previews

White Background



This preview shows how the HunterLab color 23.1787, 18.6094, -48.8567 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 23.1787, 18.6094, -48.8567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

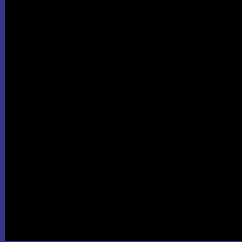
Any Text WCAG AA × Fail

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 23.1787, 18.6094, -48.8567 Background



This preview shows how black text looks on a background with the HunterLab color 23.1787, 18.6094, -48.8567.



This preview shows how white text looks on a background with the HunterLab color 23.1787, 18.6094, -48.8567.

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

23.1787, 18.6094, -48.8567

Protanopia

22.9701, 7.0545, -43.9391

Tritanopia

23.2762, -8.9500, -4.1738

Trichromacy



Original Color

23.1787, 18.6094, -48.8567

Protanomaly

22.7113, 10.1499, -46.6353

Tritanomaly

22.6545, 0.0549, -18.2615

Monochromacy



Original Color

23.1787, 18.6094, -48.8567

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

22.3529, 4.5800, -13.0027

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.1787, 18.6094, -48.8567 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, 54, 140)` looks like.

```
.text, #text, p{  
    color:rgb(56, 54, 140)  
}
```

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, 54, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 54, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 23.1787, 18.6094, -48.8567 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, 54, 140) }
```

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

```
.border{ border-color:rgb(56, 54, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 54, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 54, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 54, 140);  
box-shadow:4px 4px 4px 4px rgb(56, 54,  
140) }
```


Background

The CSS property to change the background color of an element to HunterLab 23.1787, 18.6094, -48.8567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 54, 140) }
```

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

```
.background{ background-color: rgb(56, 54,  
140) }
```

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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