

Converting Colors

HunterLab(18.7080, 23.5629,
4.3491)

Have a look what the booklet for
HunterLab(18.7080, 23.5629,
4.3491) contains.

HunterLab(18.7877, 23.6316, 4.4707)	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(18.7877, 23.6316,
4.4707)**

Conversions

Conversions Part 1

Format	Color
Hex	63192C
RGB	99, 25, 44
RGB Percent	39%, 10%, 17%
CMY	0.6118, 0.9019, 0.8274
CMYK	0.00, 0.75, 0.56, 0.61
HSL	345°, 60%, 24%
HSV	345°, 75%, 39%
XYZ	5.9479, 3.5298, 2.7507
YIQ	49.2920, 38.0050, 21.5970

Conversions

Conversions Part 2

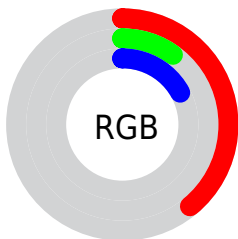
Format	Color
R _Y B	99, 25, 44
Decimal	6494508
CIE Lab	22.05, 34.49, 6.92
CIE LCh	22, 35.178, 11.349
Yxy	3.5300, 0.4864, 0.2887
Android (android.graphics.Color)	4284684588 (0xFF63192C)
YUV	49.2920, -2.6090, 43.5939
Hunter-Lab	18.7877, 23.6316, 4.4707

Details

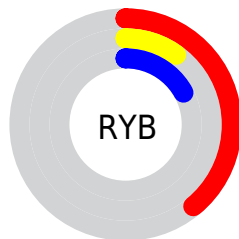
The HunterLab color **18.7877, 23.6316, 4.4707** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **31.1603, -18.3784, 4.4368**, and the grayscale version is **17.6231, -0.9403, 0.9575**.

A 20% lighter version of the original color is **35.5295, 26.4752, 6.5849**, and **8.2347, 14.1022, 5.3211** is the 20% darker color. If you saturate the color by 10%, you get **17.6879, 26.0261, 5.5862**, and if you desaturate by 10%, it is **20.2270, 20.6343, 3.5224**.

Distribution



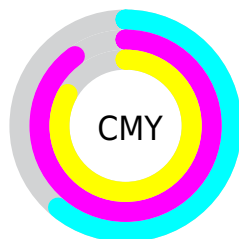
- Red (39%)
- Green (10%)
- Blue (17%)



- Red (39%)
- Yellow (10%)
- Blue (17%)



- Cyan (0%)
- Magenta (75%)
- Yellow (56%)
- Black (61%)



- Cyan (61%)
- Magenta (90%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.7877, 23.6316, 4.4707 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 18.7877, 23.6316, 4.4707 by changing the saturation by 10% instead.

■ 18.7877, 23.6316,
4.4707

■ 18.7877, 23.6316,
4.4707

■ 115.9831, 33.0462,
13.1377

■ 11.8924, 22.0232,
3.4945

■ 35.4033, 26.5269,
6.3488

■ 4.7667, 31.9869,
3.3367

■ 44.9343, 27.7772,
7.2832

0.0000, INF, NaN

0.0000, NaN, NaN

■ 55.1941, 28.9048,
8.2250

0.0000, NaN, NaN

■ 66.1340, 29.9204,
9.1778

0.0000, NaN, NaN

■ 77.7142, 30.8340,
10.1442

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 89.9010, 31.6546,


11.1257


0.0000, NaN, NaN


 102.6657, 32.3898,
12.1233


 18.7877, 23.6316,
4.4707


 18.7877, 23.6316,
4.4707


 17.6879, 26.0261,
5.5862


 20.2270, 20.6343,
3.5224


 16.8990, 27.7549,
6.7559

 21.9714, 17.2712,
2.7788

 16.5065, 28.7040,
7.2854

 23.9819, 13.7315,
2.2461

 26.2200, 10.1455,
1.9094

 28.6512, 6.5898,
1.7449

■ 31.2465, 3.1030,
1.7271

■ 33.9823, -0.3005,
1.8323

■ 36.8392, -3.6194,
2.0402

■ 39.8017, -6.8593,
2.3338

Harmonies

Analogous

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



18.7882, 22.6454, -6.3478



18.7877, 23.6316, 4.4707



18.7882, 17.0051, 9.8854

Triad

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



18.7882, 23.6299, 4.4711



18.7882, -12.7239, 10.5895



18.7882, -7.1230, -28.4444

Complementary

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



18.7877, 23.6316, 4.4707



31.1603, -18.3784, 4.4368

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.



18.7882, -14.0542, -16.9714



18.7877, 23.6316, 4.4707



18.7882, -16.7546, 6.2534

Square

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



18.7882, 23.6299, 4.4711



18.7882, -4.8715, 12.3726



18.7882, -17.1800, -3.2359



18.7882, 3.2052, -29.9242

Rectangle

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



18.7877, 23.6316, 4.4707



18.7882, 9.8763, 11.5741



18.7882, -17.1800, -3.2359



18.7882, -9.8607, -25.4183

Sweetspot

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



18.7882, 23.6299, 4.4711



38.2281, 7.6568, 2.2655



18.0834, 26.0658, -27.1036



18.3617, 4.1153, 1.1120



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



18.7882, 23.6299, 4.4711



22.3622, 35.8149, 8.5469



20.9715, 15.7200, 10.5968



16.1237, 0.5343, 0.8717



18.8298, 32.7126, 8.5555



43.3768, 75.0742, 21.9048

Inverse Universe

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



18.7882, 23.6299, 4.4711



22.3622, 35.8149, 8.5469



26.6500, -8.7909, -9.9943



16.1237, 0.5343, 0.8717



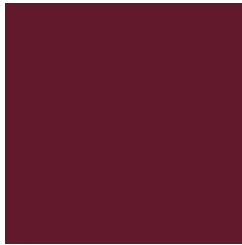
18.8298, 32.7126, 8.5555



43.3768, 75.0742, 21.9048

Previews

White Background



This preview shows how the HunterLab color 18.7877, 23.6316, 4.4707 looks on a white background.

Color Contrast Check

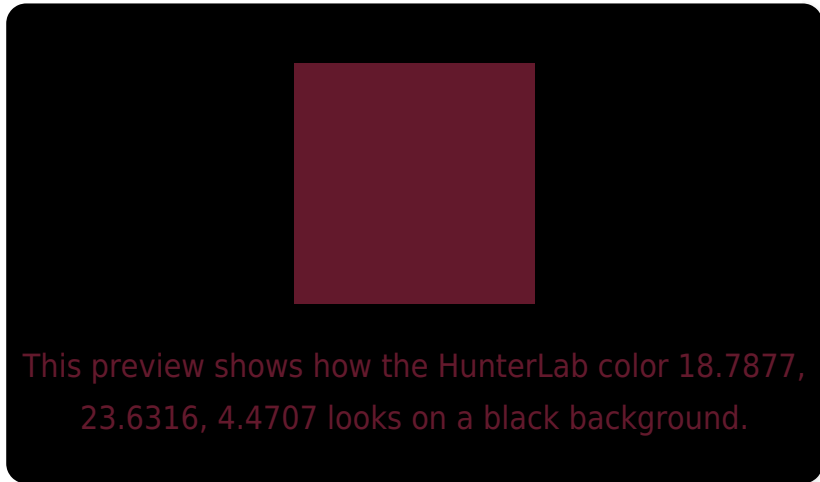
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

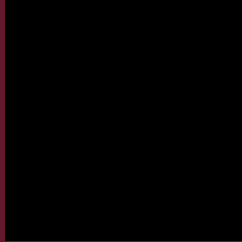
Any Text WCAG AA × Fail

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 18.7877, 23.6316, 4.4707 Background



This preview shows how black text looks on a background with the HunterLab color 18.7877, 23.6316, 4.4707.



This preview shows how white text looks on a background with the HunterLab color 18.7877, 23.6316,

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

18.7877, 23.6316, 4.4707

Protanopia

19.3083, -0.4695, -0.4025

Deuteranopia

19.2332, 0.9161, 5.6790



Tritanopia

18.7507, 21.2010, 8.2497

Trichromacy



Original Color

18.7877, 23.6316, 4.4707

Protanomaly

18.1298, 7.9733, 0.2961

Deuteranomaly

18.4223, 9.3164, 4.7632

Tritanomaly

18.6977, 21.8636, 7.1053

Monochromacy



Original Color

18.7877, 23.6316, 4.4707

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.0766, 7.6064, 1.3184

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.7877, 23.6316, 4.4707 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(99, 25, 44)` looks like.

```
.text, #text, p{  
    color:rgb(99, 25, 44)  
}
```

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(99, 25, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 25, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 18.7877, 23.6316, 4.4707 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(99, 25, 44) }
```


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

```
.border{ border-color:rgb(99, 25, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 25, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 25, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 25, 44);  
box-shadow:4px 4px 4px 4px rgb(99, 25, 44)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.7877, 23.6316, 4.4707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 25, 44) }
```

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

```
.background{ background-color: rgb(99, 25,  
44) }
```

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