

Converting Colors

HunterLab(23.0641, 16.0797,
6.4329)

Have a look what the booklet for
HunterLab(23.0641, 16.0797,
6.4329) contains.

HunterLab(23.0634, 16.0554, 6.4412)	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(23.0634, 16.0554,
6.4412)**

Conversions

Conversions Part 1

Format	Color
Hex	673133
RGB	103, 49, 51
RGB Percent	40%, 19%, 20%
CMY	0.5961, 0.8078, 0.8000
CMYK	0.00, 0.52, 0.50, 0.60
HSL	358°, 36%, 30%
HSV	358°, 52%, 40%
XYZ	7.2894, 5.3192, 3.7745
YIQ	65.3740, 31.5420, 12.0700

Conversions

Conversions Part 2

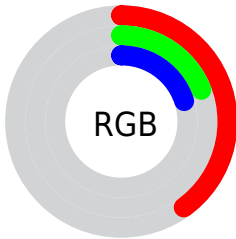
Format	Color
RYB	103, 49, 51
Decimal	6762803
CIELab	27.63, 24.39, 10.00
CIELCh	28, 26.362, 22.304
Yxy	5.3195, 0.4449, 0.3247
Android (android.graphics.Color)	4284952883 (0xFF673133)
YUV	65.3740, -7.0864, 32.9980
Hunter-Lab	23.0634, 16.0554, 6.4412




Details

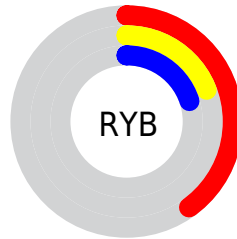
The HunterLab color **23.0634, 16.0554, 6.4412** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **33.6053, -13.8401, -1.2581**, and the grayscale version is **23.1388, -1.2346, 1.2572**.



A 20% lighter version of the original color is **40.7192, 17.8922, 8.9372**, and **9.2449, 13.5367, 5.0128** is the 20% darker color. If you saturate the color by 10%, you get **21.1562, 19.5988, 7.4795**, and if you desaturate by 10%, it is **25.2563, 12.4354, 5.4432**.

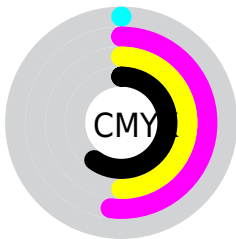
Distribution







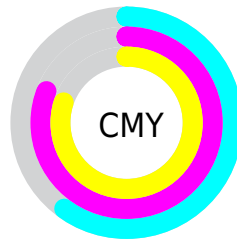
-  Red (40%)
-  Green (19%)
-  Blue (20%)






-  Red (40%)
-  Yellow (19%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (52%)
-  Yellow (50%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (81%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.0634, 16.0554, 6.4412 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 23.0634, 16.0554, 6.4412 by changing the saturation by 10% instead.

■ 23.0634, 16.0554,
6.4412

■ 23.0634, 16.0554,
6.4412

■ 123.6376, 21.1876,
16.6832

■ 15.6074, 14.9091,
5.2174

■ 40.6226, 17.9014,
8.7519

■ 9.1884, 13.6287,
5.0137

■ 50.5664, 18.6379,
9.8786

0.0000, INF, NaN

0.0000, NaN, NaN

■ 61.2106, 19.2693,
11.0003

0.0000, NaN, NaN

■ 72.5119, 19.8072,
12.1227

0.0000, NaN, NaN

■ 84.4340, 20.2608,
13.2498

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 96.9462, 20.6380,

14.3843

0.0000, NaN, NaN

110.0219, 20.9451,
15.5283

■ 23.0634, 16.0554,
6.4412

■ 23.0634, 16.0554,
6.4412

■ 21.1562, 19.5988,
7.4795

■ 25.2563, 12.4354,
5.4432

■ 19.5783, 22.8834,
8.5049

■ 27.6898, 8.8584,
4.5112

■ 18.3700, 25.6595,
9.4406

■ 30.3268, 5.3819,
3.6554

■ 17.5439, 27.7049,
10.1919

■ 33.1361, 2.0284,
2.8749

■ 17.0056, 29.1717,
10.6081

■ 36.0921, -1.2004,
2.1637

■ 39.1747, -4.3131,
1.5142

■ 42.3675, -7.3228,
0.9181

■ 45.6573, -10.2434,
0.3680

■ 49.0335, -13.0882,
-0.1429

Harmonies

Analogous

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



23.0640, 17.4475, -0.9409



23.0634, 16.0554, 6.4412



23.0640, 9.7183, 10.5251

Triad

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



23.0640, 16.0539, 6.4416



23.0640, -12.8626, 8.9231



23.0640, -3.3946, -20.2707

Complementary

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



23.0634, 16.0554, 6.4412



33.6053, -13.8401, -1.2581

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.



23.0640, -10.4568, -14.8847



23.0634, 16.0554, 6.4412



23.0640, -15.3798, 3.2550

Square

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



23.0640, 16.0539, 6.4416



23.0640, -7.1512, 11.5504



23.0640, -14.5681, -5.5113



23.0640, 5.3521, -18.4323

Rectangle

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



23.0634, 16.0554, 6.4412



23.0640, 3.9866, 11.7442



23.0640, -14.5681, -5.5113



23.0640, -6.0241, -19.1928

Sweetspot

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



23.0640, 16.0539, 6.4416



42.7945, 4.5093, 4.2578



24.2954, 22.3977, -15.9521



20.8655, 2.5517, 2.1785



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



23.0640, 16.0539, 6.4416



27.7552, 27.3353, 10.3463



28.1250, 5.0475, 11.2926



16.8759, 0.4349, 1.2932



19.0715, 32.7092, 11.9455



43.5214, 74.5769, 27.7728

Inverse Universe

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



23.0640, 16.0539, 6.4416



27.7552, 27.3353, 10.3463



26.7980, -3.6705, -11.9419



16.8759, 0.4349, 1.2932



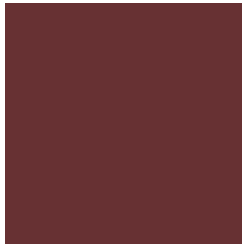
19.0715, 32.7092, 11.9455



43.5214, 74.5769, 27.7728

Previews

White Background



This preview shows how the HunterLab color 23.0634, 16.0554, 6.4412 looks on a white background.

Color Contrast Check

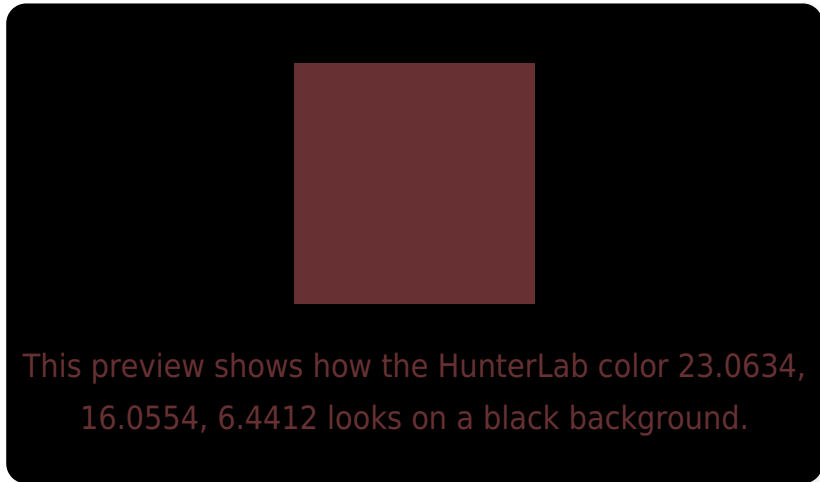
Large Text (above 18pt) WCAG AA ✓ Pass

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

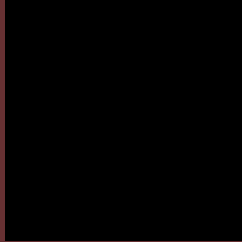
Any Text WCAG AA × Fail

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 23.0634, 16.0554, 6.4412 Background



This preview shows how black text looks on a background with the HunterLab color 23.0634, 16.0554, 6.4412.



This preview shows how white text looks on a background with the HunterLab color 23.0634, 16.0554,

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

23.0634, 16.0554, 6.4412

Protanopia

23.4039, -1.3586, 3.9154

Deuteranopia

23.2303, 1.4071, 6.9228



Tritanopia

23.0827, 16.1467, 6.1613

Trichromacy



Original Color

23.0634, 16.0554, 6.4412

Protanomaly

22.9490, 4.3534, 4.5512

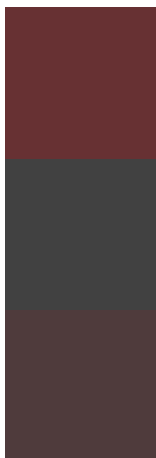
Deuteranomaly

22.9840, 6.5252, 6.4926

Tritanomaly

23.0827, 16.1467, 6.1613

Monochromacy



Original Color

23.0634, 16.0554, 6.4412

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

22.6195, 4.6394, 2.8138

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.0634, 16.0554, 6.4412 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(103, 49, 51)` looks like.

```
.text, #text, p{  
    color:rgb(103, 49, 51)  
}
```

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(103, 49, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 49, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 23.0634, 16.0554, 6.4412 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(103, 49, 51) }
```


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

```
.border{ border-color:rgb(103, 49, 51) }
```

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

Here you see how a box with a 4 pixel rgb(103, 49, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 49, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 49, 51);  
box-shadow:4px 4px 4px 4px rgb(103, 49,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.0634, 16.0554, 6.4412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 49, 51) }
```

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

```
.background{ background-color: rgb(103, 49,  
51) }
```

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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