

Converting Colors

HunterLab(23.6772, 2.0150,
13.3234)

Have a look what the booklet for
HunterLab(23.6772, 2.0150,
13.3234) contains.

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Color

**HunterLab(23.6091, 1.9038,
13.2494)**

Conversions

Conversions Part 1

Format	Color
Hex	563F11
RGB	86, 63, 17
RGB Percent	34%, 25%, 7%
CMY	0.6627, 0.7529, 0.9333
CMYK	0.00, 0.27, 0.80, 0.66
HSL	40°, 67%, 20%
HSV	40°, 80%, 34%
XYZ	5.7164, 5.5739, 1.3049
YIQ	64.6330, 28.4740, -9.4300

Conversions

Conversions Part 2

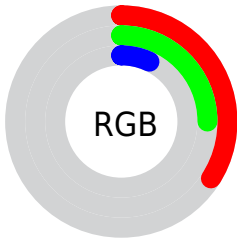
Format	Color
R_{YB}	52, 86, 17
Decimal	5652241
CIE Lab	28.31, 4.90, 30.63
CIE LCh	28, 31.019, 80.908
Yxy	5.5742, 0.4538, 0.4425
Android (android.graphics.Color)	4283842321 (0xFF563F11)
YUV	64.6330, -23.4831, 18.7389
Hunter-Lab	23.6091, 1.9038, 13.2494

Details

The HunterLab color **23.6091, 1.9038, 13.2494** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **15.1938, 4.7740, -24.9094**, and the grayscale version is **22.9361, -1.2238, 1.2462**.

A 20% lighter version of the original color is **41.2307, 1.9664, 18.6782**, and **9.6418, 2.2160, 5.9800** is the 20% darker color. If you saturate the color by 10%, you get **22.8972, 2.8588, 13.5345**, and if you desaturate by 10%, it is **24.3564, 1.0573, 12.7044**.

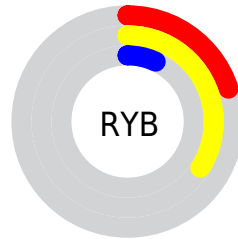
Distribution



Red (34%)

Green (25%)

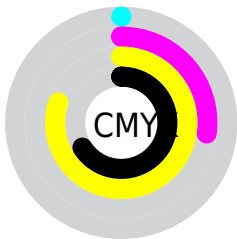
Blue (7%)



Red (20%)

Yellow (34%)

Blue (7%)

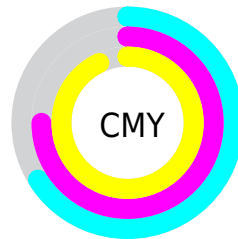


Cyan (0%)

Magenta (27%)

Yellow (80%)

Black (66%)



Cyan (66%)

Magenta (75%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.6091, 1.9038, 13.2494 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 23.6091, 1.9038, 13.2494 by changing the saturation by 10% instead.

■ 23.6091, 1.9038,
13.2494

■ 23.6091, 1.9038,
13.2494

■ 124.5901, -1.2399,
34.6621

■ 16.0870, 1.9454,
11.0181

■ 41.2808, 1.5764,
18.7928

■ 9.5948, 1.8803,
6.7163

■ 51.2742, 1.3164,
21.3076

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.9647, 1.0019,
23.7056

0.0000, NaN, NaN

■ 73.3097, 0.6380,
26.0132

0.0000, NaN, NaN

■ 85.2732, 0.2288,
28.2497

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.8248, -0.2223,

30.4297

0.0000, NaN, NaN

■ 110.9381, -0.7127,
32.5642

■ 23.6091, 1.9038,
13.2494

■ 23.6091, 1.9038,
13.2494

■ 22.8972, 2.8588,
13.5345

■ 24.3564, 1.0573,
12.7044

■ 22.2216, 3.8262,
13.7598

■ 25.1372, 0.3289,
11.8897

■ 25.9514, -0.2813,
10.8082

■ 26.7978, -0.7738,
9.4667

■ 27.6755, -1.1510,
7.8747

■ 28.5830, -1.4163,
6.0434

■ 29.5192, -1.5736,
3.9851

■ 30.4828, -1.6276,
1.7124

■ 31.4726, -1.5833,
-0.7620

Harmonies

Analogous

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



23.6097, 12.3484, 11.6305



23.6091, 1.9038, 13.2494



23.6097, -7.8298, 12.8816

Triad

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



23.6097, 1.9027, 13.2496



23.6097, -16.8660, -6.3465



23.6097, 15.8756, -13.6742

Complementary

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



23.6091, 1.9038, 13.2494



15.1938, 4.7740, -24.9094

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.



23.6097, 6.1151, -23.4668



23.6091, 1.9038, 13.2494



23.6097, -12.3499, -18.1414

Square

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



23.6097, 1.9027, 13.2496



23.6097, -17.6066, 4.0346



23.6097, -4.2664, -25.3783



23.6097, 21.2654, -1.8407

Rectangle

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



23.6091, 1.9038, 13.2494



23.6097, -12.7301, 11.4509



23.6097, -4.2664, -25.3783



23.6097, 12.9264, -17.4913

Sweetspot

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



23.6097, 1.9027, 13.2496



37.2336, -1.7298, 9.1370



15.9140, 21.7410, 2.7074



18.2627, -0.8158, 4.7706



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



23.6097, 1.9027, 13.2496



29.4585, 5.0260, 17.9808



28.5862, -10.7395, 16.3267



15.2216, -0.8149, 1.8837



27.7309, 5.2474, 17.1795



64.4270, 14.9380, 39.9611

Inverse Universe

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



15.1938, 4.7740, -24.9094



16.5746, 11.5299, -44.6293



11.5187, 16.6134, -37.9280



14.6881, -0.7406, -0.3244



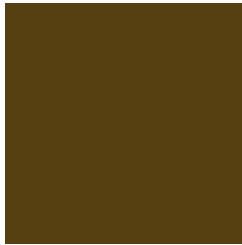
15.1891, 11.9749, -44.8354



33.8395, 34.0183, -115.7322

Previews

White Background



This preview shows how the HunterLab color 23.6091, 1.9038, 13.2494 looks on a white background.

Color Contrast Check

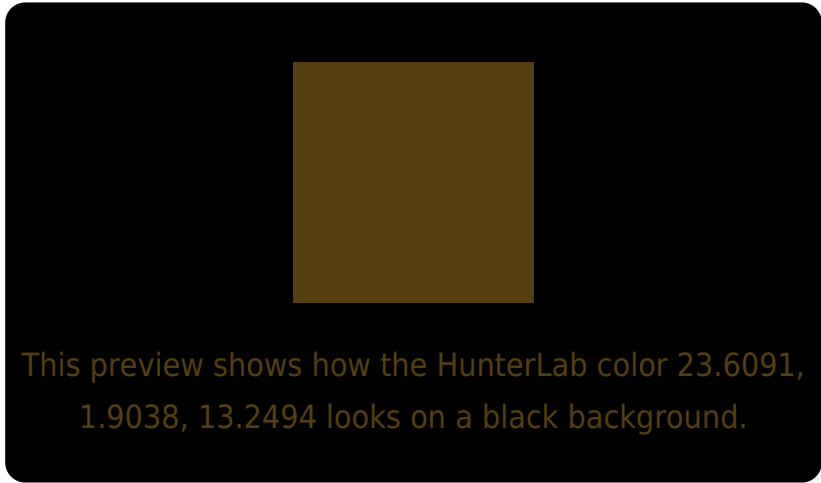
Large Text (above 18pt) WCAG AA ✓ Pass

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

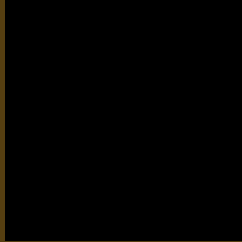
Any Text WCAG AA × Fail

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 23.6091, 1.9038, 13.2494 Background



This preview shows how black text looks on a background with the HunterLab color 23.6091, 1.9038, 13.2494.



This preview shows how white text looks on a background with the HunterLab color 23.6091, 1.9038,

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

23.6091, 1.9038, 13.2494

Protanopia

23.5666, -3.2339, 13.0253

Deuteranopia

23.6476, 0.8175, 13.2562



Tritanopia

23.6868, 8.1413, 2.9672

Trichromacy



Original Color

23.6091, 1.9038, 13.2494

Protanomaly

23.6693, -1.5888, 13.1236

Deuteranomaly

23.7456, 1.1493, 13.3279

Tritanomaly

23.4599, 5.6132, 8.0217

Monochromacy



Original Color

23.6091, 1.9038, 13.2494

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

23.0145, -0.6069, 6.9669

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.6091, 1.9038, 13.2494 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(86, 63, 17) looks like.

```
.text, #text, p{  
    color:rgb(86, 63, 17)  
}
```

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(86, 63, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 63, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 23.6091, 1.9038, 13.2494 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(86, 63, 17) }
```


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

```
.border{ border-color:rgb(86, 63, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 63, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 63, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 63, 17);  
box-shadow:4px 4px 4px 4px rgb(86, 63, 17)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.6091, 1.9038, 13.2494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 63, 17) }
```

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

```
.background{ background-color: rgb(86, 63,  
17) }
```

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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