

Converting Colors

HunterLab(36.3713, 38.7510,
21.7237)

Have a look what the booklet for
HunterLab(36.3713, 38.7510,
21.7237) contains.

HunterLab(36.3692, 38.8803, 21.6824)	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>	30

Color

**HunterLab(36.3692, 38.8803,
21.6824)**

Conversions

Conversions Part 1

Format	Color
Hex	B53D18
RGB	181, 61, 24
RGB Percent	71%, 24%, 9%
CMY	0.2902, 0.7608, 0.9059
CMYK	0.00, 0.66, 0.87, 0.29
HSL	14°, 77%, 40%
HSV	14°, 87%, 71%
XYZ	20.8897, 13.2272, 2.3163
YIQ	92.6620, 83.3970, 13.9330

Conversions

Conversions Part 2

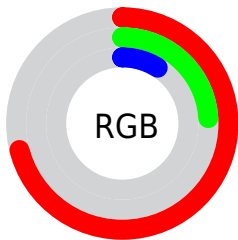
Format	Color
RYB	181, 72, 24
Decimal	11877656
CIELab	43.10, 46.98, 46.49
CIElCh	43, 66.092, 44.697
Yxy	13.2280, 0.5734, 0.3631
Android (android.graphics.Color)	4290067736 (0xFFB53D18)
YUV	92.6620, -33.8504, 77.4724
Hunter-Lab	36.3692, 38.8803, 21.6824

Details

The HunterLab color **36.3692, 38.8803, 21.6824** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **48.4508, -15.9345, -23.9194**, and the grayscale version is **33.0608, -1.7640, 1.7963**.

A 20% lighter version of the original color is **56.3344, 42.4016, 29.0027**, and **19.9827, 34.2209, 12.9123** is the 20% darker color. If you saturate the color by 10%, you get **34.4726, 43.8119, 21.7174**, and if you desaturate by 10%, it is **38.7327, 33.5171, 21.0860**.

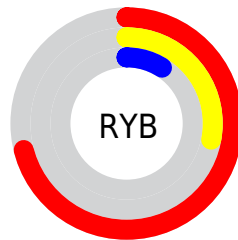
Distribution



Red (71%)

Green (24%)

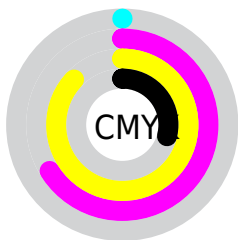
Blue (9%)



Red (71%)

Yellow (28%)

Blue (9%)

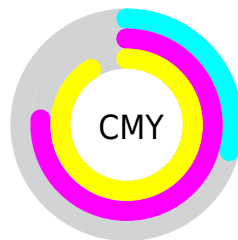


Cyan (0%)

Magenta (66%)

Yellow (87%)

Black (29%)



Cyan (29%)

Magenta (76%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.3692, 38.8803, 21.6824 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 36.3692, 38.8803, 21.6824 by changing the saturation by 10% instead.

36.3692, 38.8803,
21.6824

36.3692, 38.8803,
21.6824

145.7304, 50.4968,
50.2961

27.5422, 37.0621,
17.6856

56.3140, 42.1765,
29.0080

19.5730, 35.1802,
13.7011

67.3231, 43.6552,
32.3837

12.5678, 33.3748,
8.7974

78.9686, 45.0263,
35.6133

5.8627, 39.8188,
4.1039

91.2176, 46.2965,
38.7222

0.0000, INF, NaN

0.0000, NaN, NaN

104.0415, 47.4727,
41.7304


0.0000, NaN, NaN


117.4157, 48.5611,


0.0000, NaN, NaN


44.6538

0.0000, NaN, NaN


 131.3185, 49.5674,
47.5056


 36.3692, 38.8803,
21.6824

 36.3692, 38.8803,
21.6824


 34.4726, 43.8119,
21.7174

 38.7327, 33.5171,
21.0860

 33.9515, 45.2488,
21.7129

 41.5245, 28.0165,
19.9338

 44.7002, 22.5783,
18.3037

 48.2135, 17.3304,
16.2842

 52.0212, 12.3401,
13.9563

■ 56.0852, 7.6320,
11.3871

■ 60.3726, 3.2045,
8.6290

■ 64.8558, -0.9588,
5.7217

■ 69.5118, -4.8810,
2.6945

Harmonies

Analogous

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



36.3703, 57.1421, 11.7676



36.3692, 38.8803, 21.6824



36.3703, 11.6196, 24.2545

Triad

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



36.3703, 38.8768, 21.6829



36.3703, -37.6398, 12.0907



36.3703, 11.0612, -75.7287

Complementary

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



36.3692, 38.8803, 21.6824



48.4508, -15.9345, -23.9194

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.



36.3703, -13.7692, -75.3980



36.3692, 38.8803, 21.6824



36.3703, -37.7136, -11.6226

Square

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



36.3703, 38.8768, 21.6829



36.3703, -29.9322, 21.7830



36.3703, -30.1715, -47.0394



36.3703, 38.3741, -47.7660

Rectangle

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



36.3692, 38.8803, 21.6824



36.3703, -5.7923, 24.4963



36.3703, -30.1715, -47.0394



36.3703, 2.0742, -79.3226

Sweetspot

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



36.3703, 38.8768, 21.6829



75.2285, 10.0276, 15.1300



35.3580, 61.5292, -21.6267



34.0962, 5.6363, 7.5935



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



36.3703, 38.8768, 21.6829



45.1165, 61.5367, 28.8778



53.2855, 2.1304, 31.9100



29.6980, 0.0411, 3.0227



28.3513, 37.0795, 18.1190



5.8615, 4.3168, 3.6874

Inverse Universe

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



48.4508, -15.9345, -23.9194



61.9164, -18.6421, -37.1472



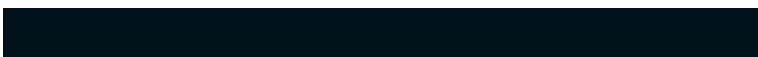
27.2238, 22.2379, -78.0426



30.4717, -3.1261, 0.2249



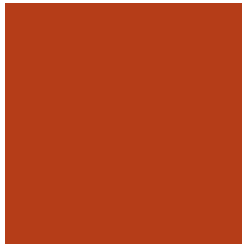
38.7396, -12.0247, -22.4632



7.4488, -2.9191, -3.0089

Previews

White Background



This preview shows how the HunterLab color 36.3692, 38.8803, 21.6824 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 × Fail

Black Background



This preview shows how the HunterLab color 36.3692, 38.8803, 21.6824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

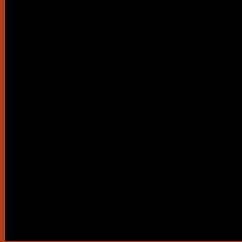
Any Text WCAG AA × Fail

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 36.3692, 38.8803, 21.6824 Background



This preview shows how black text looks on a background with the HunterLab color 36.3692, 38.8803, 21.6824.



This preview shows how white text looks on a background with the HunterLab color 36.3692, 38.8803,

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

36.3692, 38.8803, 21.6824

Protanopia

36.6890, -4.8053, 20.0778

Tritanopia

36.3285, 42.4101, 16.1509

Trichromacy



Original Color

36.3692, 38.8803, 21.6824

Protanomaly

35.4431, 10.3530, 19.9664

Tritanomaly

36.2994, 41.3040, 18.6979

Monochromacy



Original Color

36.3692, 38.8803, 21.6824

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

32.6530, 10.8792, 10.3810

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.3692, 38.8803, 21.6824 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(181, 61, 24)` looks like.

```
.text, #text, p{  
    color:rgb(181, 61, 24)  
}
```

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(181, 61, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 61, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 36.3692, 38.8803, 21.6824 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(181, 61, 24) }
```

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

```
.border{ border-color:rgb(181, 61, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 61, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 61, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 61, 24);  
box-shadow:4px 4px 4px 4px rgb(181, 61,  
24) }
```


Background

The CSS property to change the background color of an element to HunterLab 36.3692, 38.8803, 21.6824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 61, 24) }
```

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

```
.background{ background-color: rgb(181, 61,  
24) }
```

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