

Converting Colors

HunterLab(36.8838, 36.0264,
23.2660)

Have a look what the booklet for
HunterLab(36.8838, 36.0264,
23.2660) contains.

HunterLab(36.8838, 36.0264, 23.2660)	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(36.8838, 36.0264,
23.2660)**

Conversions

Conversions Part 1

Format	Color
Hex	B44202
RGB	180, 66, 2
RGB Percent	71%, 26%, 1%
CMY	0.2941, 0.7411, 0.9921
CMYK	0.00, 0.63, 0.99, 0.29
HSL	22°, 98%, 36%
HSV	22°, 99%, 71%
XYZ	20.7816, 13.6041, 1.5880
YIQ	92.7900, 88.4880, 4.2640

Conversions

Conversions Part 2

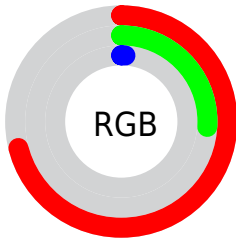
Format	Color
R _Y B	180, 102, 2
Decimal	11813378
CIE Lab	43.66, 44.06, 54.00
CIE LCh	44, 69.693, 50.785
Yxy	13.6049, 0.5777, 0.3782
Android (android.graphics.Color)	4290003458 (0xFFB44202)
YUV	92.7900, -44.7595, 76.4832
Hunter-Lab	36.8838, 36.0264, 23.2660

Details

The HunterLab color **36.8838, 36.0264, 23.2660** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **39.7464, -4.4011, -39.9970**, and the grayscale version is **33.1461, -1.7686, 1.8009**.

A 20% lighter version of the original color is **56.8481, 39.3151, 31.5429**, and **20.1300, 32.8104, 12.9784** is the 20% darker color. If you saturate the color by 10%, you get **36.6774, 36.5409, 23.2402**, and if you desaturate by 10%, it is **38.9059, 31.1990, 23.5111**.

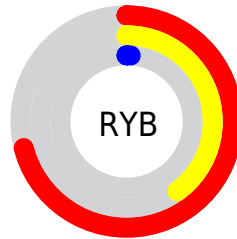
Distribution



Red (71%)

Green (26%)

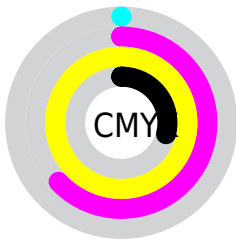
Blue (1%)



Red (71%)

Yellow (40%)

Blue (1%)

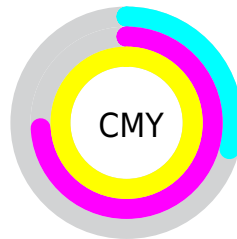


Cyan (0%)

Magenta (63%)

Yellow (99%)

Black (29%)



Cyan (29%)

Magenta (74%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.8838, 36.0264, 23.2660 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 36.8838, 36.0264, 23.2660 by changing the saturation by 10% instead.

36.8838, 36.0264,
23.2660

36.8838, 36.0264,
23.2660

146.5466, 46.6787,
55.8075

28.0114, 34.3068,
19.0103

56.9090, 39.1036,
31.6257

19.9921, 32.4995,
13.9944

67.9545, 40.4706,
35.4814

12.9298, 30.7047,
9.0508

79.6344, 41.7311,
39.1657

6.3662, 34.4215,
4.4564

91.9160, 42.8925,
42.7055

0.0000, INF, NaN

0.0000, NaN, NaN

104.7711, 43.9619,
46.1230


0.0000, NaN, NaN


118.1753, 44.9456,


0.0000, NaN, NaN


49.4364


0.0000, NaN, NaN


 132.1069, 45.8495,
52.6604


 36.8838, 36.0264,
23.2660


 36.8838, 36.0264,
23.2660


 36.6774, 36.5409,
23.2402

 38.9059, 31.1990,
23.5111

 41.2291, 26.3435,
23.2290

 43.8369, 21.6227,
22.3299

 46.7033, 17.1274,
20.8530

 49.8020, 12.9076,
18.8588

■ 53.1085, 8.9834,
16.4128

■ 56.6003, 5.3549,
13.5772

■ 60.2577, 2.0097,
10.4073

■ 64.0634, -1.0710,
6.9508

Harmonies

Analogous

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



36.8849, 58.6673, 15.3845



36.8838, 36.0264, 23.2660



36.8849, 6.5360, 25.0908

Triad

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



36.8849, 36.0230, 23.2665



36.8849, -39.9549, 8.9476



36.8849, 17.8772, -77.9560

Complementary

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



36.8838, 36.0264, 23.2660



39.7464, -4.4011, -39.9970

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.



36.8849, -9.7690, -84.8410



36.8838, 36.0264, 23.2660



36.8849, -38.5029, -19.6281

Square

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



36.8849, 36.0230, 23.2665



36.8849, -33.6920, 21.3713



36.8849, -28.9401, -58.6203



36.8849, 46.3063, -43.5705

Rectangle

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



36.8838, 36.0264, 23.2660



36.8849, -11.0163, 25.0535



36.8849, -28.9401, -58.6203



36.8849, 8.0419, -84.2006

Sweetspot

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



36.8849, 36.0230, 23.2665



75.4354, 7.9786, 18.9359



33.2379, 60.4986, -8.8673



34.1576, 4.6415, 9.5521



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.



36.8849, 36.0230, 23.2665



48.9802, 50.3175, 31.0622



57.0863, -5.2399, 35.0248



29.9814, -0.4431, 3.3333



30.8322, 30.0123, 19.5241



6.4198, 3.0255, 4.0088

Inverse Universe

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



39.7464, -4.4011, -39.9970



52.7873, -4.8558, -55.4973



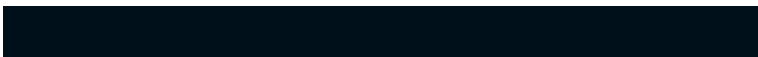
20.4265, 40.2394, -112.0427



30.1782, -2.6506, -0.1275



33.2148, -3.7617, -33.3951



6.7292, -1.9311, -4.2422

Previews

White Background



This preview shows how the HunterLab color 36.8838, 36.0264, 23.2660 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 36.8838, 36.0264, 23.2660 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 36.8838, 36.0264, 23.2660 Background



This preview shows how black text looks on a background with the HunterLab color 36.8838, 36.0264, 23.2660.



This preview shows how white text looks on a background with the HunterLab color 36.8838, 36.0264,

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

36.8838, 36.0264, 23.2660

Protanopia

37.0489, -5.1140, 21.8240

Deuteranopia

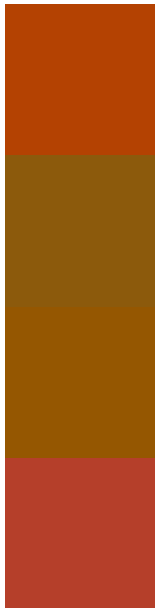
37.0796, 1.6489, 22.8771



Tritanopia

36.8007, 40.7515, 15.3326

Trichromacy



Original Color

36.8838, 36.0264, 23.2660

Protanomaly

35.9365, 9.3215, 21.7332

Deuteranomaly

36.3430, 14.0418, 22.5934

Tritanomaly

36.8048, 38.6594, 19.8270

Monochromacy



Original Color

36.8838, 36.0264, 23.2660

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

32.9738, 9.2394, 12.7933

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.8838, 36.0264, 23.2660 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(180, 66, 2)` looks like.

```
.text, #text, p{  
    color:rgb(180, 66, 2)  
}
```

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(180, 66, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 66, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 36.8838, 36.0264, 23.2660 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(180, 66, 2) }
```


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

```
.border{ border-color:rgb(180, 66, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 66, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 66, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 66, 2);  
box-shadow:4px 4px 4px 4px rgb(180, 66, 2)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.8838, 36.0264, 23.2660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 66, 2) }
```

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

```
.background{ background-color: rgb(180, 66,  
2) }
```

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