

Converting Colors

HunterLab(36.1993, 36.5142,
23.0114)

Have a look what the booklet for
HunterLab(36.1993, 36.5142,
23.0114) contains.

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Color

**HunterLab(36.0832, 36.4730,
22.8728)**

Conversions

Conversions Part 1

Format	Color
Hex	B23F00
RGB	178, 63, 0
RGB Percent	70%, 25%, 0%
CMY	0.3020, 0.7529, 1.0000
CMYK	0.00, 0.65, 1.00, 0.30
HSL	21°, 100%, 35%
HSV	21°, 100%, 70%
XYZ	20.1376, 13.0200, 1.4518
YIQ	90.2030, 88.7630, 4.7870

Conversions

Conversions Part 2

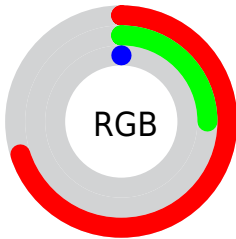
Format	Color
R_{YB}	178, 98, 0
Decimal	11681536
CIE Lab	42.79, 44.65, 53.94
CIE LCh	43, 70.026, 50.383
Yxy	13.0207, 0.5818, 0.3762
Android (android.graphics.Color)	4289871616 (0xFFB23F00)
YUV	90.2030, -44.4701, 76.9980
Hunter-Lab	36.0832, 36.4730, 22.8728

Details

The HunterLab color **36.0832, 36.4730, 22.8728** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **39.3378, -4.5612, -39.3221**, and the grayscale version is **32.1873, -1.7174, 1.7488**.

A 20% lighter version of the original color is **55.8997, 39.8677, 31.1748**, and **19.4471, 33.3038, 12.5663** is the 20% darker color. If you saturate the color by 10%, you get **36.0840, 36.4704, 22.8732**, and if you desaturate by 10%, it is **38.0440, 31.7204, 23.1191**.

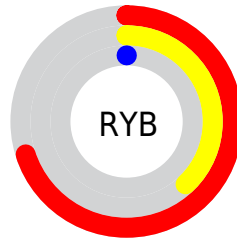
Distribution



Red (70%)

Green (25%)

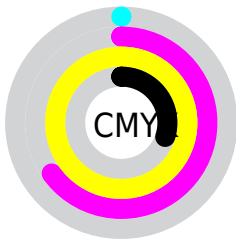
Blue (0%)



Red (70%)

Yellow (38%)

Blue (0%)

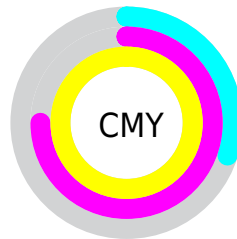


Cyan (0%)

Magenta (65%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.0832, 36.4730, 22.8728 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 36.0832, 36.4730, 22.8728 by changing the saturation by 10% instead.

36.0832, 36.4730,
22.8728

36.0832, 36.4730,
22.8728

145.2758, 47.3879,
55.5002

27.2815, 34.7247,
18.7021

55.9831, 39.6131,
31.2667

19.3405, 32.8973,
13.5384

66.9718, 41.0113,
35.1352

12.3673, 31.1104,
8.6571

78.5981, 42.3022,
38.8298

5.5621, 38.6897,
3.8934

90.8287, 43.4931,
42.3779

0.0000, INF, NaN

0.0000, NaN, NaN

103.6352, 44.5909,
45.8023

0.0000, NaN, NaN


116.9927, 45.6022,


0.0000, NaN, NaN


49.1211


0.0000, NaN, NaN


 130.8794, 46.5328,
52.3496


 36.0832, 36.4730,
22.8728


 36.0832, 36.4730,
22.8728


 36.0840, 36.4704,
22.8732

 38.0440, 31.7204,
23.1191

 40.3068, 26.8933,
22.8991

 42.8588, 22.1769,
22.0707

 45.6736, 17.6697,
20.6704

 48.7245, 13.4274,
18.7576

■ 51.9863, 9.4742,
16.3975

■ 55.4362, 5.8128,
13.6526

■ 59.0538, 2.4325,
10.5784

■ 62.8214, -0.6848,
7.2224

Harmonies

Analogous

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



36.0843, 59.0297, 15.0572



36.0832, 36.4730, 22.8728



36.0843, 6.9485, 24.7143

Triad

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



36.0843, 36.4696, 22.8733



36.0843, -39.5694, 9.1344



36.0843, 17.5037, -78.9177

Complementary

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



36.0832, 36.4730, 22.8728



39.3378, -4.5612, -39.3221

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.



36.0843, -10.0203, -85.4114



36.0832, 36.4730, 22.8728



36.0843, -38.2407, -19.2198

Square

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



36.0843, 36.4696, 22.8733



36.0843, -33.2895, 21.1788



36.0843, -28.9207, -58.5232



36.0843, 46.0772, -44.3701

Rectangle

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



36.0832, 36.4730, 22.8728



36.0843, -10.6255, 24.6956



36.0843, -28.9207, -58.5232



36.0843, 7.6819, -85.0951

Sweetspot

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



36.0843, 36.4696, 22.8733



74.4052, 8.0751, 18.5893



32.7398, 59.8975, -8.5344



34.0988, 4.7503, 9.4979



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.



36.0843, 36.4696, 22.8733



48.1867, 50.2249, 30.5717



56.2981, -5.0680, 34.6018



29.9685, -0.4211, 3.3192



30.7006, 30.3671, 19.4492



6.3955, 3.0786, 3.9948

Inverse Universe

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



39.3378, -4.5612, -39.3221



52.5488, -5.4599, -53.8950



19.9615, 40.3694, -112.0957



30.1914, -2.6722, -0.1115



33.4573, -4.1489, -32.8624



6.7612, -1.9768, -4.1836

Previews

White Background



This preview shows how the HunterLab color 36.0832, 36.4730, 22.8728 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 36.0832, 36.4730, 22.8728 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 36.0832, 36.4730, 22.8728 Background



This preview shows how black text looks on a background with the HunterLab color 36.0832, 36.4730, 22.8728.



This preview shows how white text looks on a background with the HunterLab color 36.0832, 36.4730,

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

36.0832, 36.4730, 22.8728

Protanopia

36.3198, -4.9236, 21.3597

Deuteranopia

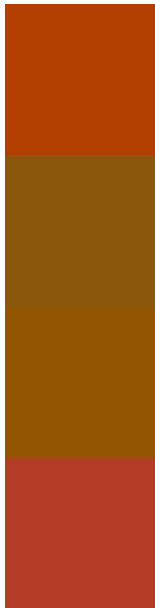
36.3545, 1.8196, 22.4333



Tritanopia

36.1378, 40.6045, 15.5016

Trichromacy



Original Color

36.0832, 36.4730, 22.8728

Protanomaly

35.2234, 9.4651, 21.3373

Deuteranomaly

35.6371, 14.1755, 22.2076

Tritanomaly

36.0026, 38.9930, 19.7063

Monochromacy



Original Color

36.0832, 36.4730, 22.8728

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

31.8909, 9.3044, 12.6173

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.0832, 36.4730, 22.8728 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(178, 63, 0)` looks like.

```
.text, #text, p{  
    color:rgb(178, 63, 0)  
}
```

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(178, 63, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 63, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 36.0832, 36.4730, 22.8728 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(178, 63, 0) }
```


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

```
.border{ border-color:rgb(178, 63, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 63, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 63, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 63, 0);  
box-shadow:4px 4px 4px 4px rgb(178, 63, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.0832, 36.4730, 22.8728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 63, 0) }
```

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

```
.background{ background-color: rgb(178, 63,  
0) }
```

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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