

Converting Colors

HunterLab(36.4363, 45.7892,
22.5445)

Have a look what the booklet for
HunterLab(36.4363, 45.7892,
22.5445) contains.

HunterLab(36.3606, 45.6286, 22.4671)	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(36.3606, 45.6286,
22.4671)**

Conversions

Conversions Part 1

Format	Color
Hex	BD330F
RGB	189, 51, 15
RGB Percent	74%, 20%, 6%
CMY	0.2588, 0.8000, 0.9412
CMYK	0.00, 0.73, 0.92, 0.26
HSL	12°, 85%, 40%
HSV	12°, 92%, 74%
XYZ	22.2563, 13.2209, 1.8308
YIQ	88.1580, 93.8040, 18.0600

Conversions

Conversions Part 2

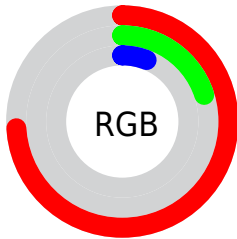
Format	Color
R_{YB}	189, 60, 15
Decimal	12399375
CIE _{Lab}	43.10, 53.46, 50.65
CIE _{LCh}	43, 73.645, 43.452
Yxy	13.2217, 0.5965, 0.3544
Android (android.graphics.Color)	4290589455 (0xFFBD330F)
YUV	88.1580, -36.0669, 88.4384
Hunter-Lab	36.3606, 45.6286, 22.4671

Details

The HunterLab color **36.3606, 45.6286, 22.4671** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **51.5317, -18.2286, -23.9574**, and the grayscale version is **31.4028, -1.6756, 1.7062**.

A 20% lighter version of the original color is **56.3633, 49.2329, 30.4903**, and **21.2415, 36.3768, 13.7258** is the 20% darker color. If you saturate the color by 10%, you get **35.0388, 49.3075, 22.4540**, and if you desaturate by 10%, it is **38.5096, 40.2447, 22.1154**.

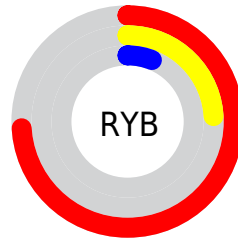
Distribution



Red (74%)

Green (20%)

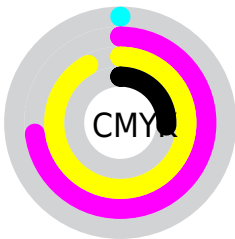
Blue (6%)



Red (74%)

Yellow (24%)

Blue (6%)

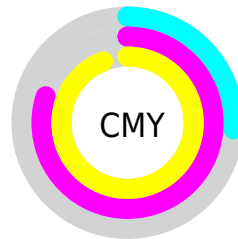


Cyan (0%)

Magenta (73%)

Yellow (92%)

Black (26%)



Cyan (26%)

Magenta (80%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.3606, 45.6286, 22.4671 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 36.3606, 45.6286, 22.4671 by changing the saturation by 10% instead.

36.3606, 45.6286,
22.4671

36.3606, 45.6286,
22.4671

145.7168, 59.1910,
53.2998

27.5344, 43.6322,
18.3088

56.3041, 49.3468,
30.3849

19.5660, 41.6326,
13.6962

67.3126, 51.0476,
34.0328

12.5618, 39.8547,
8.7932

78.9575, 52.6417,
37.5191

5.8539, 47.7827,
4.0978

91.2059, 54.1337,
40.8705

0.0000, INF, NaN

0.0000, NaN, NaN

104.0293, 55.5292,
44.1085

0.0000, NaN, NaN


117.4031, 56.8337,


0.0000, NaN, NaN


47.2503


0.0000, NaN, NaN


 131.3054, 58.0526,
50.3102


 36.3606, 45.6286,
22.4671


 36.3606, 45.6286,
22.4671


 35.0388, 49.3075,
22.4540

 38.5096, 40.2447,
22.1154

 41.1787, 34.4232,
21.1616

 44.3216, 28.4649,
19.6758

 47.8835, 22.5870,
17.7571

 51.8106, 16.9205,
15.5027

■ 56.0539, 11.5302,
12.9942

■ 60.5709, 6.4362,
10.2948

■ 65.3257, 1.6322,
7.4510

■ 70.2885, -2.9022,
4.4966

Harmonies

Analogous

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



36.3617, 66.1019, 11.9411



36.3606, 45.6286, 22.4671



36.3617, 14.5870, 25.0305

Triad

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



36.3617, 45.6248, 22.4676



36.3617, -40.3318, 13.6968



36.3617, 11.3617, -90.4784

Complementary

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



36.3606, 45.6286, 22.4671



51.5317, -18.2286, -23.9574

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.



36.3617, -15.9614, -88.4269



36.3606, 45.6286, 22.4671



36.3617, -40.7205, -11.9647

Square

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



36.3617, 45.6248, 22.4676



36.3617, -31.9098, 22.9328



36.3617, -33.2036, -53.3131



36.3617, 42.6602, -57.7515

Rectangle

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



36.3606, 45.6286, 22.4671



36.3617, -5.1085, 25.3630



36.3617, -33.2036, -53.3131



36.3617, 1.3364, -94.3018

Sweetspot

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



36.3617, 45.6248, 22.4676



77.1618, 12.9207, 16.1100



36.7426, 66.9005, -25.6616



34.5956, 7.3858, 8.1784



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



36.3617, 45.6248, 22.4676



46.5990, 66.9070, 29.8854



53.5609, 6.2133, 32.6124



31.3811, 0.1777, 3.1357



28.8988, 39.9552, 18.5068



6.5008, 5.6981, 4.1055

Inverse Universe

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



51.5317, -18.2286, -23.9574



67.2503, -22.7350, -34.9785



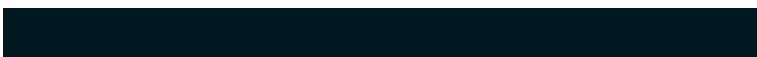
27.9533, 23.8867, -84.4714



32.3498, -3.4404, 0.3138



41.5164, -14.3430, -20.9295



8.7246, -3.5190, -3.3084

Previews

White Background



This preview shows how the HunterLab color 36.3606, 45.6286, 22.4671 looks on a white background.

Color Contrast Check

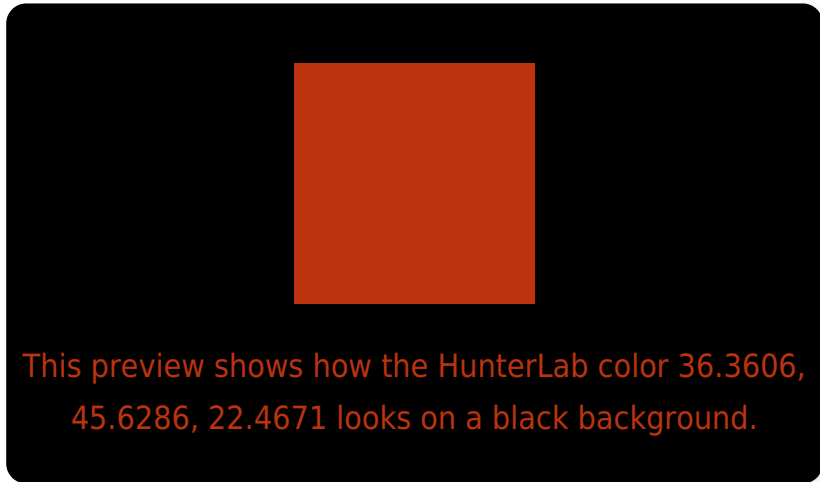
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

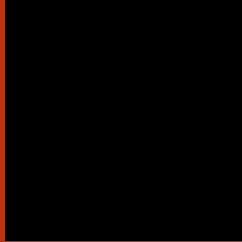
Any Text WCAG AA × Fail

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 36.3606, 45.6286, 22.4671 Background



This preview shows how black text looks on a background with the HunterLab color 36.3606, 45.6286, 22.4671.



This preview shows how white text looks on a background with the HunterLab color 36.3606, 45.6286, 22.4671.

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

36.3606, 45.6286, 22.4671

Protanopia

36.6458, -5.0452, 20.7152

Deuteranopia

36.7167, 1.7344, 22.6550



Tritanopia

36.4456, 48.1160, 18.5729

Trichromacy



Original Color

36.3606, 45.6286, 22.4671

Protanomaly

34.8616, 13.1351, 20.3329

Deuteranomaly

35.3201, 17.6973, 21.8329

Tritanomaly

36.4381, 47.2748, 20.4327

Monochromacy



Original Color

36.3606, 45.6286, 22.4671

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

31.1914, 13.0338, 11.0562

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.3606, 45.6286, 22.4671 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(189, 51, 15)` looks like.

```
.text, #text, p{  
    color:rgb(189, 51, 15)  
}
```

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(189, 51, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 51, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 36.3606, 45.6286, 22.4671 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(189, 51, 15) }
```


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

```
.border{ border-color:rgb(189, 51, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 51, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 51, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 51, 15);  
box-shadow:4px 4px 4px 4px rgb(189, 51,  
15) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.3606, 45.6286, 22.4671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 51, 15) }
```

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

```
.background{ background-color: rgb(189, 51,  
15) }
```

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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