

Converting Colors

HunterLab(36.6379, 49.0368,
23.4345)

Have a look what the booklet for
HunterLab(36.6379, 49.0368,
23.4345) contains.

HunterLab(36.6379, 49.0368, 23.4345)	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(36.6379, 49.0368,
23.4345)**

Conversions

Conversions Part 1

Format	Color
Hex	C22E00
RGB	194, 46, 0
RGB Percent	76%, 18%, 0%
CMY	0.2392, 0.8196, 1.0000
CMYK	0.00, 0.76, 1.00, 0.24
HSL	14°, 100%, 38%
HSV	14°, 100%, 76%
XYZ	23.2252, 13.4234, 1.3669
YIQ	85.0080, 102.9740, 17.0700

Conversions

Conversions Part 2

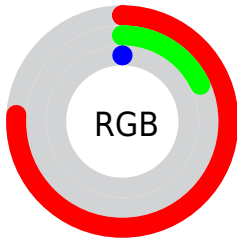
Format	Color
RYB	194, 60, 0
Decimal	12725760
CIELab	43.40, 56.58, 55.92
CIELCh	43, 79.550, 44.666
Yxy	13.4242, 0.6109, 0.3531
Android (android.graphics.Color)	4290915840 (0xFFC22E00)
YUV	85.0080, -41.9089, 95.5860
Hunter-Lab	36.6379, 49.0368, 23.4345

Details

The HunterLab color **36.6379, 49.0368, 23.4345** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **50.0719, -15.1661, -29.8461**, and the grayscale version is **30.2668, -1.6150, 1.6445**.

A 20% lighter version of the original color is **56.0682, 51.1284, 31.6220**, and **21.9666, 37.6184, 14.1943** is the 20% darker color. If you saturate the color by 10%, you get **36.6387, 49.0335, 23.4350**, and if you desaturate by 10%, it is **38.5162, 43.9507, 23.5265**.

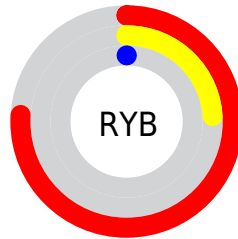
Distribution



Red (76%)

Green (18%)

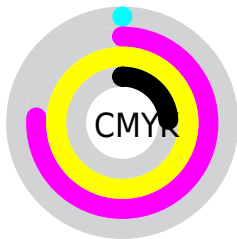
Blue (0%)



Red (76%)

Yellow (24%)

Blue (0%)

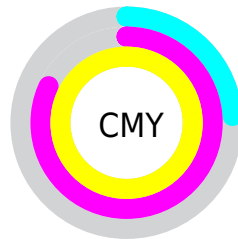


Cyan (0%)

Magenta (76%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients



These gradients show how the HunterLab color 36.6379, 49.0368, 23.4345 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 36.6379, 49.0368, 23.4345 by changing the saturation by 10% instead.


 36.6379, 49.0368, 23.4345  36.6379, 49.0368, 23.4345

 146.1570, 63.4639, 57.0334  27.7872, 46.9696, 19.2038


 56.6249, 52.9342, 32.0730  19.7917, 44.9308, 13.8542

 67.6530, 54.7325, 36.0587  12.7566, 43.1836, 8.9296

 79.3165, 56.4256, 39.8658  6.1311, 50.2483, 4.2918

 91.5825, 58.0170, 43.5219 0.0000, INF, NaN


0.0000, NaN, NaN


 104.4228, 59.5115, 47.0495 0.0000, NaN, NaN


 117.8127, 60.9140, 0.0000, NaN, NaN


50.4675


0.0000, NaN, NaN


 131.7305, 62.2299,
53.7912


 36.6379, 49.0368,
23.4345


 36.6379, 49.0368,
23.4345


 36.6387, 49.0335,
23.4350

 38.5162, 43.9507,
23.5265

 40.9020, 38.2595,
23.1158

 43.7702, 32.3189,
22.0777

 47.0736, 26.3805,
20.4838

 50.7612, 20.6112,
18.4294

■ 54.7845, 15.1046,
16.0073

■ 59.0999, 9.9010,
13.2966

■ 63.6697, 5.0065,
10.3602

■ 68.4620, 0.4075,
7.2461

Harmonies

Analogous

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



36.6390, 72.6391, 13.3854



36.6379, 49.0368, 23.4345



36.6390, 14.6600, 25.6473

Triad

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



36.6390, 49.0327, 23.4350



36.6390, -42.7660, 13.7816



36.6390, 13.8982, -101.4435

Complementary

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



36.6379, 49.0368, 23.4345



50.0719, -15.1661, -29.8461

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.



36.6390, -16.0556, -100.9339



36.6379, 49.0368, 23.4345



36.6390, -42.8517, -14.8862

Square

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



36.6390, 49.0327, 23.4350



36.6390, -34.4410, 23.5274



36.6390, -34.7318, -61.7658



36.6390, 48.3220, -62.8566

Rectangle

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



36.6379, 49.0368, 23.4345



36.6390, -6.5524, 25.6473



36.6390, -34.7318, -61.7658



36.6390, 2.8768, -106.4572

Sweetspot

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



36.6390, 49.0327, 23.4350



79.2641, 13.6518, 18.0792



36.9198, 69.0801, -21.5241



35.9059, 7.7784, 9.2112

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.6390, 49.0327, 23.4350



48.9876, 67.0087, 31.3590



55.5831, 5.3686, 34.3439



32.3374, 0.0595, 3.3124



29.8888, 39.2106, 19.1038



7.0462, 5.8417, 4.4441

Inverse Universe

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



50.0719, -15.1661, -29.8461



67.0899, -19.9786, -40.7284



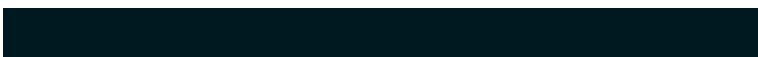
25.1545, 33.7094, -104.2095



33.1820, -3.4159, 0.2229



40.7619, -12.5248, -23.9115



9.0459, -3.3901, -3.9883

Previews

White Background



This preview shows how the HunterLab color 36.6379, 49.0368, 23.4345 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 36.6379, 49.0368, 23.4345 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 36.6379, 49.0368, 23.4345 Background



This preview shows how black text looks on a background with the HunterLab color 36.6379, 49.0368, 23.4345.



This preview shows how white text looks on a background with the HunterLab color 36.6379, 49.0368,

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

36.6379, 49.0368, 23.4345

Protanopia

37.0681, -5.0071, 21.5395

Deuteranopia

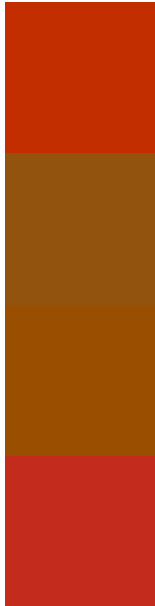
36.8248, 2.0988, 22.7280



Tritanopia

36.7583, 51.3644, 19.7060

Trichromacy



Original Color

36.6379, 49.0368, 23.4345

Protanomaly

34.9828, 14.5502, 21.1068

Deuteranomaly

35.3015, 19.7442, 22.0983

Tritanomaly

36.7251, 50.5151, 21.7405

Monochromacy



Original Color

36.6379, 49.0368, 23.4345

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

30.2205, 14.3106, 12.0251

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.6379, 49.0368, 23.4345 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(194, 46, 0)` looks like.

```
.text, #text, p{  
    color:rgb(194, 46, 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(194, 46, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 46, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 36.6379, 49.0368, 23.4345 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(194, 46, 0) }
```


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

```
.border{ border-color:rgb(194, 46, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 46, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 46, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 46, 0);  
box-shadow:4px 4px 4px 4px rgb(194, 46, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.6379, 49.0368, 23.4345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 46, 0) }
```

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

```
.background{ background-color: rgb(194, 46,  
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](#).

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