

Converting Colors

HunterLab(36.4935, 26.3972,
21.6491)

Have a look what the booklet for
HunterLab(36.4935, 26.3972,
21.6491) contains.

HunterLab(36.5209, 26.3382, 21.6491)	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(36.5209, 26.3382,
21.6491)**

Conversions

Conversions Part 1

Format	Color
Hex	A64C17
RGB	166, 76, 23
RGB Percent	65%, 30%, 9%
CMY	0.3490, 0.7019, 0.9098
CMYK	0.00, 0.54, 0.86, 0.35
HSL	22°, 76%, 37%
HSV	22°, 86%, 65%
XYZ	18.4650, 13.3378, 2.4119
YIQ	96.8680, 70.6530, 2.5970

Conversions

Conversions Part 2

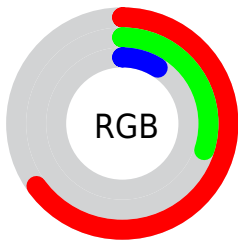
Format	Color
R_{YB}	166, 107, 23
Decimal	10898455
CIE _{Lab}	43.27, 34.12, 46.02
CIE _{LCh}	43, 57.284, 53.448
Yxy	13.3385, 0.5397, 0.3898
Android (android.graphics.Color)	4289088535 (0xFFA64C17)
YUV	96.8680, -36.4169, 60.6288
Hunter-Lab	36.5209, 26.3382, 21.6491

Details

The HunterLab color **36.5209, 26.3382, 21.6491** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **38.3987, -6.1109, -32.1497**, and the grayscale version is **34.6392, -1.8483, 1.8820**.

A 20% lighter version of the original color is **56.5487, 28.6842, 28.9191**, and **19.7729, 23.6732, 12.5984** is the 20% darker color. If you saturate the color by 10%, you get **34.5920, 30.7131, 21.5380**, and if you desaturate by 10%, it is **38.7112, 22.0150, 21.2185**.

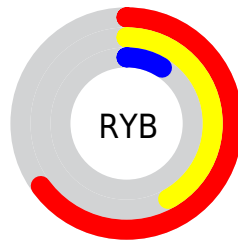
Distribution



Red (65%)

Green (30%)

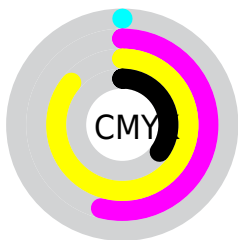
Blue (9%)



Red (65%)

Yellow (42%)

Blue (9%)

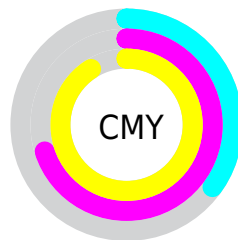


Cyan (0%)

Magenta (54%)

Yellow (86%)

Black (35%)



Cyan (35%)

Magenta (70%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.5209, 26.3382, 21.6491 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 36.5209, 26.3382, 21.6491 by changing the saturation by 10% instead.

36.5209, 26.3382,
21.6491

36.5209, 26.3382,
21.6491

145.9712, 33.7237,
49.9947

27.6804, 24.9848,
17.6777

56.4895, 28.6526,
28.9004

19.6964, 23.4999,
13.7875

67.5093, 29.6401,
32.2429

12.6743, 21.9098,
8.8720

79.1650, 30.5272,
35.4415

6.0157, 25.7670,
4.2110

91.4235, 31.3227,
38.5214

0.0000, INF, NaN

0.0000, NaN, NaN

104.2567, 32.0339,
41.5023


0.0000, NaN, NaN


117.6398, 32.6676,


0.0000, NaN, NaN


44.4001


0.0000, NaN, NaN


 131.5510, 33.2292,
47.2274


 36.5209, 26.3382,
21.6491


 36.5209, 26.3382,
21.6491


 34.5920, 30.7131,
21.5380

 38.7112, 22.0150,
21.2185

 33.9135, 32.3550,
21.4638

 41.1404, 17.8608,
20.2339

 43.7872, 13.9356,
18.7370

 46.6297, 10.2709,
16.7828

 49.6475, 6.8761,
14.4284

■ 52.8223, 3.7464,
11.7275

■ 56.1377, 0.8680,
8.7276

■ 59.5796, -1.7771,
5.4695

■ 63.1356, -4.2087,
1.9877

Harmonies

Analogous

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



36.5219, 44.6949, 14.5081



36.5209, 26.3382, 21.6491



36.5219, 2.9279, 23.5144

Triad

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



36.5219, 26.3354, 21.6496



36.5219, -34.8206, 6.2289



36.5219, 16.1593, -56.3033

Complementary

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



36.5209, 26.3382, 21.6491



38.3987, -6.1109, -32.1497

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.



36.5219, -6.5859, -63.4143



36.5209, 26.3382, 21.6491



36.5219, -32.8634, -17.5711

Square

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



36.5219, 26.3354, 21.6496



36.5219, -29.7652, 18.5957



36.5219, -23.6068, -46.3611



36.5219, 37.9267, -30.3868

Rectangle

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



36.5209, 26.3382, 21.6491



36.5219, -11.1478, 23.3475



36.5219, -23.6068, -46.3611



36.5219, 8.2575, -61.4217

Sweetspot

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



36.5219, 26.3354, 21.6496



71.0131, 5.1846, 15.9298



31.5038, 52.7765, -9.3816



32.9113, 3.0991, 8.1281



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



36.5219, 26.3354, 21.6496



45.2779, 44.6896, 28.6824



53.8660, -7.1006, 32.1753



28.2503, -0.4672, 3.1507



30.0033, 28.1219, 18.9802



5.6312, 2.1520, 3.5076

Inverse Universe

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



38.3987, -6.1109, -32.1497



47.6660, -3.4498, -52.1312



21.4386, 29.6466, -86.0420



28.3858, -2.4477, -0.1352



31.5872, -2.9567, -33.0986



5.7938, -1.7675, -3.4262

Previews

White Background



This preview shows how the HunterLab color 36.5209, 26.3382, 21.6491 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 36.5209, 26.3382, 21.6491 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 36.5209, 26.3382, 21.6491 Background



This preview shows how black text looks on a background with the HunterLab color 36.5209, 26.3382, 21.6491.



This preview shows how white text looks on a background with the HunterLab color 36.5209, 26.3382,

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

36.5209, 26.3382, 21.6491

Protanopia

36.6593, -4.9701, 20.5158

Deuteranopia

36.7406, 1.8627, 22.3013



Tritanopia

36.5419, 32.3125, 11.9887

Trichromacy



Original Color

36.5209, 26.3382, 21.6491

Protanomaly

36.0224, 6.0551, 20.5962

Deuteranomaly

36.3057, 10.4916, 21.9332

Tritanomaly

36.4362, 29.5983, 16.6712

Monochromacy



Original Color

36.5209, 26.3382, 21.6491

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

34.2411, 6.3040, 11.1764

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.5209, 26.3382, 21.6491 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(166, 76, 23)` looks like.

```
.text, #text, p{  
    color:rgb(166, 76, 23)  
}
```

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(166, 76, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 76, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 36.5209, 26.3382, 21.6491 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(166, 76, 23) }
```


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

```
.border{ border-color:rgb(166, 76, 23) }
```

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

Here you see how a box with a 4 pixel rgb(166, 76, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 76, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 76, 23);  
box-shadow:4px 4px 4px 4px rgb(166, 76,  
23) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.5209, 26.3382, 21.6491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 76, 23) }
```

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

```
.background{ background-color: rgb(166, 76,  
23) }
```

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