

Converting Colors

HunterLab(23.6254, 13.6245,
12.1353)

Have a look what the booklet for
HunterLab(23.6254, 13.6245,
12.1353) contains.

HunterLab(23.5337, 13.8176, 12.1309)	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(23.5337, 13.8176,
12.1309)**

Conversions

Conversions Part 1

Format	Color
Hex	69341B
RGB	105, 52, 27
RGB Percent	41%, 20%, 11%
CMY	0.5882, 0.7961, 0.8941
CMYK	0.00, 0.50, 0.74, 0.59
HSL	19°, 59%, 26%
HSV	19°, 74%, 41%
XYZ	7.2515, 5.5384, 1.7237
YIQ	64.9970, 39.6130, 3.4610

Conversions

Conversions Part 2

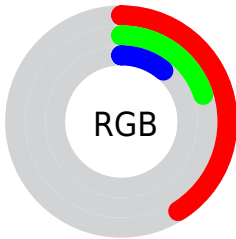
Format	Color
R_{YB}	105, 64, 27
Decimal	6894619
CIE _{Lab}	28.22, 21.47, 26.02
CIE _{LCh}	28, 33.734, 50.466
Yxy	5.5386, 0.4996, 0.3816
Android (android.graphics.Color)	4285084699 (0xFF69341B)
YUV	64.9970, -18.7325, 35.0826
Hunter-Lab	23.5337, 13.8176, 12.1309

Details

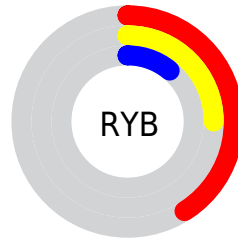
The HunterLab color **23.5337, 13.8176, 12.1309** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **26.4382, -6.6336, -13.7960**, and the grayscale version is **23.0445, -1.2296, 1.2521**.

A 20% lighter version of the original color is **41.2987, 15.1393, 16.9113**, and **9.6465, 11.8931, 6.1523** is the 20% darker color. If you saturate the color by 10%, you get **22.1562, 16.4645, 12.5758**, and if you desaturate by 10%, it is **25.0640, 11.2499, 11.4028**.

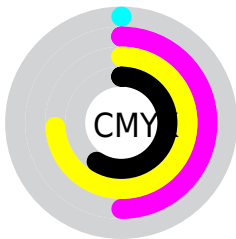
Distribution



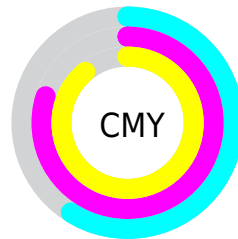
- Red (41%)
- Green (20%)
- Blue (11%)



- Red (41%)
- Yellow (25%)
- Blue (11%)



- Cyan (0%)
- Magenta (50%)
- Yellow (74%)
- Black (59%)



- Cyan (59%)
- Magenta (80%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.5337, 13.8176, 12.1309 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 23.5337, 13.8176, 12.1309 by changing the saturation by 10% instead.

■ 23.5337, 13.8176,
12.1309

■ 23.5337, 13.8176,
12.1309

■ 124.4589, 17.7483,
30.9419

■ 16.0207, 12.8283,
9.8194

■ 41.1900, 15.3579,
16.9275

■ 9.5390, 11.6733,
6.6773

■ 51.1766, 15.9506,
19.1179

0.0000, INF, NaN

0.0000, NaN, NaN

■ 61.8608, 16.4442,
21.2172

0.0000, NaN, NaN

■ 73.1997, 16.8498,
23.2474

0.0000, NaN, NaN

■ 85.1575, 17.1764,
25.2245

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.7037, 17.4312,

27.1603

0.0000, NaN, NaN

■ 110.8119, 17.6201,
29.0637

■ 23.5337, 13.8176,
12.1309

■ 23.5337, 13.8176,
12.1309

■ 22.1562, 16.4645,
12.5758

■ 25.0640, 11.2499,
11.4028

■ 20.9421, 19.1221,
12.7513

■ 26.7299, 8.8047,
10.4223

■ 20.3170, 20.5679,
12.8793

■ 28.5174, 6.5002,
9.2241

■ 30.4132, 4.3427,
7.8403

■ 32.4055, 2.3301,
6.2994

■ 34.4839, 0.4550,
4.6255

■ 36.6395, -1.2928,
2.8383

■ 38.8646, -2.9243,
0.9542

■ 41.1527, -4.4506,
-1.0138

Harmonies

Analogous

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



23.5343, 22.0819, 7.2980



23.5337, 13.8176, 12.1309



23.5343, 2.3587, 13.7538

Triad

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



23.5343, 13.8160, 12.1312



23.5343, -18.7282, 4.3828



23.5343, 6.6242, -26.5298

Complementary

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



23.5337, 13.8176, 12.1309



26.4382, -6.6336, -13.7960

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.



23.5343, -4.6668, -28.5504



23.5337, 13.8176, 12.1309



23.5343, -18.0084, -6.9180

Square

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



23.5343, 13.8160, 12.1312



23.5343, -15.4778, 10.8424



23.5343, -13.2891, -20.1857



23.5343, 17.4280, -15.5122

Rectangle

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



23.5337, 13.8176, 12.1309



23.5343, -4.9857, 13.7356



23.5343, -13.2891, -20.1857



23.5343, 2.7193, -28.4330

Sweetspot

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



23.5343, 13.8160, 12.1312



43.8151, 2.6913, 8.0712



20.9064, 28.9578, -8.2992



20.9612, 1.5343, 4.1008



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



23.5343, 13.8160, 12.1312



28.4452, 24.6341, 17.0056



32.4242, -3.1281, 18.0287



18.0570, -0.2468, 1.8712



22.7235, 23.5236, 14.4139



49.8924, 57.0287, 31.7418

Inverse Universe

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



26.4382, -6.6336, -13.7960



32.7756, -7.4065, -23.2239



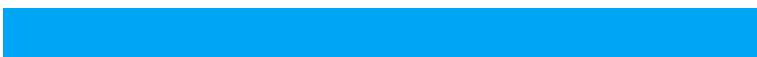
16.9106, 10.5720, -36.2517



18.2658, -1.6314, 0.0773



26.4288, -5.2181, -21.7692



58.2860, -9.6757, -51.9654

Previews

White Background



This preview shows how the HunterLab color 23.5337, 13.8176, 12.1309 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

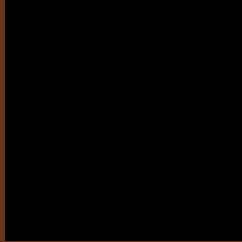
Any Text WCAG AA × Fail

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 23.5337, 13.8176, 12.1309 Background



This preview shows how black text looks on a background with the HunterLab color 23.5337, 13.8176, 12.1309.



This preview shows how white text looks on a background with the HunterLab color 23.5337, 13.8176, 12.1309.

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

23.5337, 13.8176, 12.1309

Protanopia

23.6948, -2.5225, 11.1372

Deuteranopia

23.7014, 1.1072, 12.4624



Tritanopia

23.4901, 17.2886, 6.2758

Trichromacy



Original Color

23.5337, 13.8176, 12.1309

Protanomaly

23.4892, 2.9294, 11.4248

Deuteranomaly

23.6161, 5.5713, 12.3407

Tritanomaly

23.5101, 16.0979, 8.7592

Monochromacy



Original Color

23.5337, 13.8176, 12.1309

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

22.7513, 3.5067, 5.9187

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.5337, 13.8176, 12.1309 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(105, 52, 27)` looks like.

```
.text, #text, p{  
    color:rgb(105, 52, 27)  
}
```

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(105, 52, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 52, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 23.5337, 13.8176, 12.1309 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(105, 52, 27) }
```


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

```
.border{ border-color:rgb(105, 52, 27) }
```

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

Here you see how a box with a 4 pixel rgb(105, 52, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 52, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 52, 27);  
box-shadow:4px 4px 4px 4px rgb(105, 52,  
27) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.5337, 13.8176, 12.1309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 52, 27) }
```

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

```
.background{ background-color: rgb(105, 52,  
27) }
```

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