

# Converting Colors

HunterLab(41.2546, 23.1646,  
23.5633)

Have a look what the booklet for  
HunterLab(41.2546, 23.1646,  
23.5633) contains.

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# Color

**HunterLab(41.2380, 23.2127,  
23.5309)**

# Conversions

Conversions Part 1	
Format	Color
Hex	B05C23
RGB	176, 92, 35
RGB Percent	69%, 36%, 14%
CMY	0.3098, 0.6392, 0.8627
CMYK	0.00, 0.48, 0.80, 0.31
HSL	24°, 67%, 41%
HSV	24°, 80%, 69%
XYZ	22.0350, 17.0057, 3.7111
YIQ	110.6180, 68.3610, 0.0810

# Conversions

## Conversions Part 2

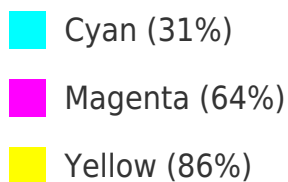
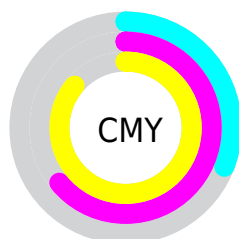
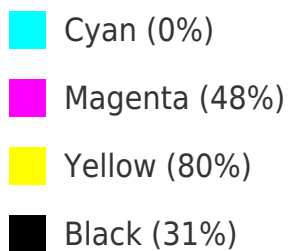
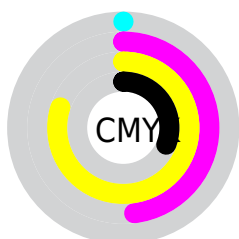
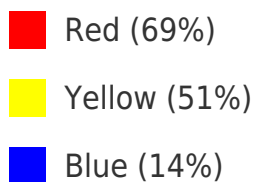
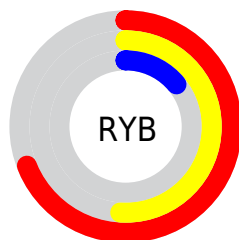
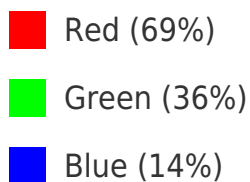
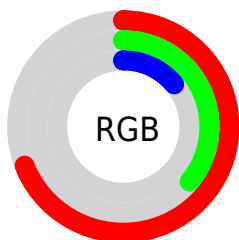
Format	Color
<a href="#">RYB</a>	<a href="#">176, 131, 35</a>
Decimal	<a href="#">11557923</a>
CIELab	<a href="#">48.27, 30.14, 45.96</a>
CIELCh	<a href="#">48, 54.962, 56.743</a>
Yxy	<a href="#">17.0066, 0.5154, 0.3978</a>
Android (android.graphics.Color)	<a href="#">4289748003</a> <a href="#">(0xFFB05C23)</a>
YUV	<a href="#">110.6180, -37.2797, 57.3400</a>
Hunter-Lab	<a href="#">41.2380, 23.2127, 23.5309</a>

# Details

The HunterLab color **41.2380, 23.2127, 23.5309** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **40.8466, -5.3814, -34.5447**, and the grayscale version is **39.8443, -2.1260, 2.1648**.

A 20% lighter version of the original color is **61.8785, 25.4111, 30.5375**, and **23.6289, 20.8725, 14.9255** is the 20% darker color. If you saturate the color by 10%, you get **39.0312, 27.6881, 23.7048**, and if you desaturate by 10%, it is **43.6838, 18.9146, 22.7424**.

# Distribution





# Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.2380, 23.2127, 23.5309 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 41.2380, 23.2127, 23.5309 by changing the saturation by 10% instead.





 41.2380, 23.2127,  
23.5309


 41.2380, 23.2127,  
23.5309


153.3658, 28.8192,  
51.3149


 31.9988, 22.0969,  
19.6784


 61.9170, 25.0736,  
30.5693


 23.5751, 20.8463,  
16.0141

 73.2592, 25.8484,  
33.8327

 16.0566, 19.4529,  
11.2396


 85.2201, 26.5316,  
36.9658

 9.5692, 17.9546,  
6.6984

 97.7692, 27.1314,  
39.9908

0.0000, INF, NaN

0.0000, NaN, NaN

 110.8802, 27.6546,  
42.9254


0.0000, NaN, NaN


 124.5299, 28.1071,


0.0000, NaN, NaN


45.7836


0.0000, NaN, NaN


 138.6979, 28.4938,  
48.5770


 41.2380, 23.2127,  
23.5309


 41.2380, 23.2127,  
23.5309


 39.0312, 27.6881,  
23.7048


 43.6838, 18.9146,  
22.7424

 37.0894, 32.1534,  
23.4172

 46.3458, 14.8680,  
21.3630

 49.2051, 11.1042,  
19.4415

 52.2425, 7.6347,  
17.0347

 55.4405, 4.4559,  
14.1998

■ 58.7833, 1.5546,  
10.9894

■ 62.2569, -1.0871,  
7.4507

■ 65.8490, -3.4899,  
3.6246

■ 69.5488, -5.6747,  
-0.4541

# Harmonies

## Analogous

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



41.2391, 41.9660, 16.3886



41.2380, 23.2127, 23.5309



41.2391, 0.1899, 25.4430

# Triad

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



41.2391, 23.2098, 23.5314



41.2391, -36.0880, 4.4324



41.2391, 18.2602, -51.1177

# Complementary

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



41.2380, 23.2127, 23.5309



40.8466, -5.3814, -34.5447

# 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.



41.2391, -4.5418, -60.1262



41.2380, 23.2127, 23.5309



41.2391, -33.1924, -19.8571

# Square

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



41.2391, 23.2098, 23.5314



41.2391, -31.5687, 18.5960



41.2391, -22.6455, -46.5228



41.2391, 38.7189, -25.9251



# Rectangle

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



41.2380, 23.2127, 23.5309



41.2391, -13.5272, 25.0147



41.2391, -22.6455, -46.5228



41.2391, 10.4934, -56.5631

# Sweetspot

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



41.2391, 23.2098, 23.5314



77.2035, 3.7323, 16.7198



34.3199, 53.6946, -8.3906



35.2140, 2.3766, 8.4764



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444



# Same Dimension

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



41.2391, 23.2098, 23.5314



50.5404, 41.9303, 31.5676



59.2931, -10.1060, 34.7691



30.0841, -0.6174, 3.4452



31.9405, 27.1031, 20.1561



6.6097, 2.6175, 4.1187



# Inverse Universe

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



40.8466, -5.3814, -34.5447



49.6241, -1.3467, -58.4511



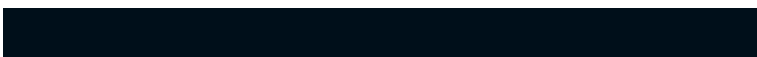
23.8684, 30.2643, -86.7917



30.0726, -2.4787, -0.2551



31.3156, -0.6340, -37.7731



6.4763, -1.5644, -4.7178



# Previews

## White Background



This preview shows how the HunterLab color 41.2380, 23.2127, 23.5309 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 41.2380, 23.2127, 23.5309 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

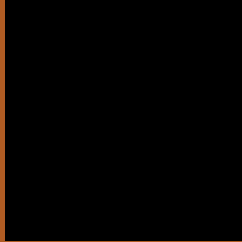
Any Text WCAG AA × Fail

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 41.2380, 23.2127, 23.5309 Background



This preview shows how black text looks on a background with the HunterLab color 41.2380, 23.2127, 23.5309.



This preview shows how white text looks on a background with the HunterLab color 41.2380, 23.2127,



# 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

41.2380, 23.2127, 23.5309

### Protanopia

41.3385, -5.0494, 22.3754

### Deuteranopia

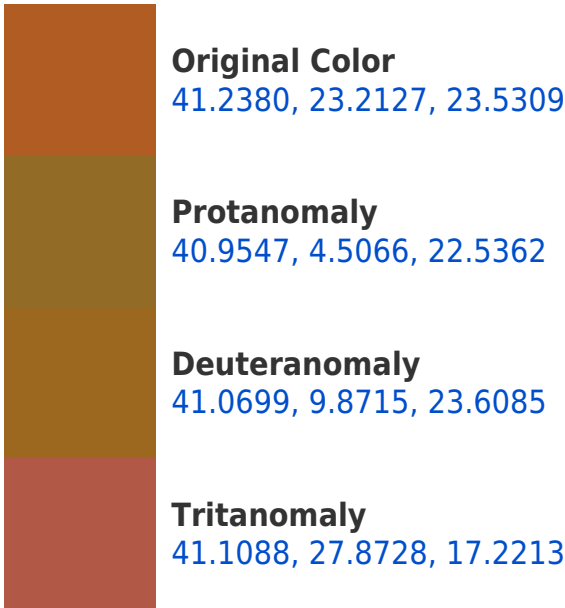
41.2865, 2.8360, 23.8209



## Tritanopia

41.2456, 31.0365, 11.4038

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 41.2380, 23.2127, 23.5309 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(176, 92, 35)` looks like.

```
.text, #text, p{  
    color:rgb(176, 92, 35)  
}
```

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(176, 92, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 92, 35) }
```

## Border

The CSS property to change the border of an element to HunterLab 41.2380, 23.2127, 23.5309 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(176, 92, 35) }
```



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

```
.border{ border-color:rgb(176, 92, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 92, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 92, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 92, 35);  
box-shadow:4px 4px 4px 4px rgb(176, 92,  
35) }
```

# Background

The CSS property to change the background color of an element to HunterLab 41.2380, 23.2127, 23.5309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 92, 35) }
```

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

```
.background{ background-color: rgb(176, 92,  
35) }
```

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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