

Converting Colors

HunterLab(38.1167, 41.1848,
23.2588)

Have a look what the booklet for
HunterLab(38.1167, 41.1848,
23.2588) contains.

HunterLab(38.1434, 41.4920, 23.2725)	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(38.1434, 41.4920,
23.2725)**

Conversions

Conversions Part 1

Format	Color
Hex	BE3F13
RGB	190, 63, 19
RGB Percent	75%, 25%, 7%
CMY	0.2549, 0.7529, 0.9255
CMYK	0.00, 0.67, 0.90, 0.25
HSL	15°, 82%, 41%
HSV	15°, 90%, 75%
XYZ	23.1303, 14.5492, 2.2053
YIQ	95.9570, 89.8160, 13.2400

Conversions

Conversions Part 2

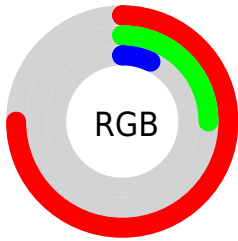
Format	Color
R_{YB}	190, 78, 19
Decimal	12467987
CIE _{Lab}	45.01, 49.19, 50.67
CIE _{LCh}	45, 70.619, 45.854
Yxy	14.5500, 0.5799, 0.3648
Android (android.graphics.Color)	4290658067 (0xFFBE3F13)
YUV	95.9570, -37.9398, 82.4757
Hunter-Lab	38.1434, 41.4920, 23.2725

Details

The HunterLab color **38.1434, 41.4920, 23.2725** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **49.4082, -14.7851, -28.2717**, and the grayscale version is **34.2999, -1.8302, 1.8636**.

A 20% lighter version of the original color is **58.3394, 44.5977, 31.0073**, and **21.4224, 36.6865, 13.8426** is the 20% darker color. If you saturate the color by 10%, you get **36.2425, 46.5500, 23.1473**, and if you desaturate by 10%, it is **40.5110, 35.9437, 22.9080**.

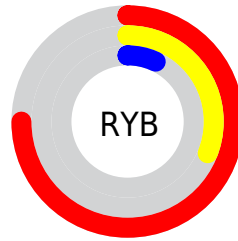
Distribution



Red (75%)

Green (25%)

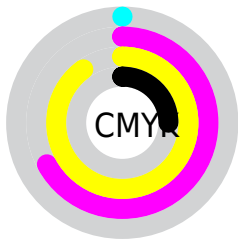
Blue (7%)



Red (75%)

Yellow (31%)

Blue (7%)

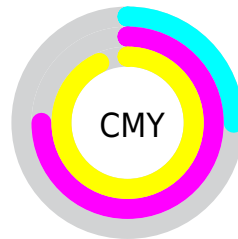


Cyan (0%)

Magenta (67%)

Yellow (90%)

Black (25%)



Cyan (25%)

Magenta (75%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.1434, 41.4920, 23.2725 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 38.1434, 41.4920, 23.2725 by changing the saturation by 10% instead.

■ 38.1434, 41.4920,
23.2725

■ 38.1434, 41.4920,
23.2725

148.5350, 53.6185,
53.8831

■ 29.1620, 39.6256,
19.0359

■ 58.3625, 44.8945,
31.1059

■ 21.0220, 37.6992,
14.7154

■ 69.4958, 46.4296,
34.7221

■ 13.8229, 35.8434,
9.6761

■ 81.2588, 47.8583,
38.1822

■ 7.4486, 36.7008,
5.2140

■ 93.6194, 49.1866,
41.5118

0.0000, INF, NaN

0.0000, NaN, NaN

■ 106.5501, 50.4210,
44.7314

0.0000, NaN, NaN


■ 120.0267, 51.5675,


0.0000, NaN, NaN


47.8579


0.0000, NaN, NaN


 134.0280, 52.6317,
50.9047


 38.1434, 41.4920,
23.2725


 38.1434, 41.4920,
23.2725


 36.2425, 46.5500,
23.1473


 40.5110, 35.9437,
22.9080

 36.2423, 46.5505,
23.1473

 43.3173, 30.2395,
21.9227

 46.5202, 24.5911,
20.3813

 50.0742, 19.1374,
18.3710

 53.9359, 13.9542,
15.9789

■ 58.0664, 9.0720,
13.2805

■ 62.4319, 4.4921,
10.3375

■ 67.0039, 0.1995,
7.1978

■ 71.7580, -3.8292,
3.8984

Harmonies

Analogous

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



38.1445, 62.1844, 13.2919



38.1434, 41.4920, 23.2725



38.1445, 11.5584, 25.7091

Triad

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



38.1445, 41.4883, 23.2730



38.1445, -40.5699, 12.3169



38.1445, 13.2756, -83.0725

Complementary

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



38.1434, 41.4920, 23.2725



49.4082, -14.7851, -28.2717

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.



38.1445, -13.9607, -84.1122



38.1434, 41.4920, 23.2725



38.1445, -40.3492, -14.1089

Square

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



38.1445, 41.4883, 23.2730



38.1445, -32.7019, 22.9845



38.1445, -31.9806, -53.4068



38.1445, 43.0442, -51.1334

Rectangle

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



38.1434, 41.4920, 23.2725



38.1445, -7.2105, 25.9018



38.1445, -31.9806, -53.4068



38.1445, 3.4271, -87.5411

Sweetspot

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



38.1445, 41.4883, 23.2730



79.6438, 10.5948, 16.8914



36.7795, 65.4799, -20.8546



36.3898, 5.9907, 8.5368



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



38.1445, 41.4883, 23.2730



48.4417, 63.7092, 30.9649



56.5149, 1.6176, 34.2061



31.5037, -0.0329, 3.2706



29.7382, 37.4082, 18.9794



6.7534, 5.0598, 4.2500

Inverse Universe

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



49.4082, -14.7851, -28.2717



63.9461, -17.2221, -42.7495



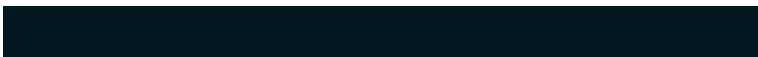
26.9711, 27.4003, -89.9896



32.2219, -3.2343, 0.1610



39.1037, -10.9626, -25.2112



8.3592, -3.0325, -3.9019

Previews

White Background



This preview shows how the HunterLab color 38.1434, 41.4920, 23.2725 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 38.1434, 41.4920, 23.2725 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 38.1434, 41.4920, 23.2725 Background



This preview shows how black text looks on a background with the HunterLab color 38.1434, 41.4920, 23.2725.



This preview shows how white text looks on a background with the HunterLab color 38.1434, 41.4920,

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

38.1434, 41.4920, 23.2725

Protanopia

38.4863, -5.4676, 21.7271

Deuteranopia

38.3888, 2.1235, 23.6922



Tritanopia

38.1472, 45.1667, 17.2135

Trichromacy



Original Color

38.1434, 41.4920, 23.2725

Protanomaly

37.0791, 10.6468, 21.4717

Deuteranomaly

37.5003, 16.4286, 23.0773

Tritanomaly

38.0859, 43.9335, 20.2136

Monochromacy



Original Color

38.1434, 41.4920, 23.2725

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

33.9173, 11.2696, 11.5370

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.1434, 41.4920, 23.2725 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(190, 63, 19)` looks like.

```
.text, #text, p{  
    color:rgb(190, 63, 19)  
}
```

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(190, 63, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 63, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 38.1434, 41.4920, 23.2725 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(190, 63, 19) }
```


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

```
.border{ border-color:rgb(190, 63, 19) }
```

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

Here you see how a box with a 4 pixel rgb(190, 63, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 63, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 63, 19);  
box-shadow:4px 4px 4px 4px rgb(190, 63,  
19) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.1434, 41.4920, 23.2725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 63, 19) }
```

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

```
.background{ background-color: rgb(190, 63,  
19) }
```

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