

Converting Colors

HunterLab(38.1336, 50.0695,
23.3475)

Have a look what the booklet for
HunterLab(38.1336, 50.0695,
23.3475) contains.

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Color

**HunterLab(38.2244, 50.2549,
23.4070)**

Conversions

Conversions Part 1

Format	Color
Hex	C83214
RGB	200, 50, 20
RGB Percent	78%, 20%, 8%
CMY	0.2157, 0.8039, 0.9216
CMYK	0.00, 0.75, 0.90, 0.22
HSL	10°, 82%, 43%
HSV	10°, 90%, 78%
XYZ	25.0863, 14.6110, 2.1598
YIQ	91.4300, 99.0300, 22.4700

Conversions

Conversions Part 2

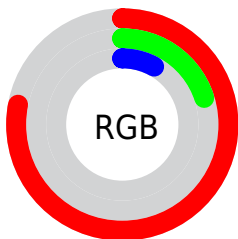
Format	Color
R_{YB}	200, 56, 20
Decimal	13120020
CIE Lab	45.10, 57.37, 51.20
CIE LCh	45, 76.898, 41.745
Yxy	14.6119, 0.5993, 0.3491
Android (android.graphics.Color)	4291310100 (0xFFC83214)
YUV	91.4300, -35.2150, 95.2159
Hunter-Lab	38.2244, 50.2549, 23.4070

Details

The HunterLab color **38.2244, 50.2549, 23.4070** 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 **57.5012, -22.7523, -21.3093**, and the grayscale version is **32.6058, -1.7398, 1.7715**.

A 20% lighter version of the original color is **56.7495, 50.3210, 29.9675**, and **23.0616, 39.4937, 14.9018** is the 20% darker color. If you saturate the color by 10%, you get **36.5873, 54.8807, 23.5056**, and if you desaturate by 10%, it is **40.5073, 44.5222, 22.8015**.

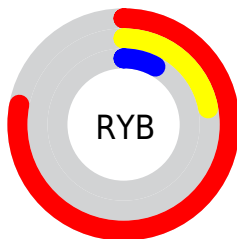
Distribution



Red (78%)

Green (20%)

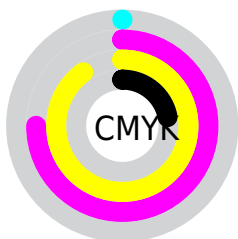
Blue (8%)



Red (78%)

Yellow (22%)

Blue (8%)

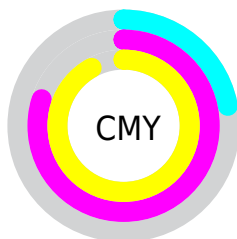


Cyan (0%)

Magenta (75%)

Yellow (90%)

Black (22%)



Cyan (22%)

Magenta (80%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.2244, 50.2549, 23.4070 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 38.2244, 50.2549, 23.4070 by changing the saturation by 10% instead.

■ 38.2244, 50.2549,
23.4070

■ 38.2244, 50.2549,
23.4070

148.6624, 64.7622,
54.2850

■ 29.2361, 48.1767,
19.1447

■ 58.4559, 54.1662,
31.3101

■ 21.0884, 46.1129,
14.7619

■ 69.5948, 55.9717,
34.9589

■ 13.8807, 44.2897,
9.7165

■ 81.3630, 57.6729,
38.4499

■ 7.5126, 45.7960,
5.2588

■ 93.7287, 59.2732,
41.8088

0.0000, INF, NaN

0.0000, NaN, NaN

■ 106.6642, 60.7773,
45.0565


0.0000, NaN, NaN


■ 120.1454, 62.1902,


0.0000, NaN, NaN


48.2096


0.0000, NaN, NaN


 134.1512, 63.5169,
51.2820


 38.2244, 50.2549,
23.4070


 38.2244, 50.2549,
23.4070

 36.5873, 54.8807,
23.5056

 40.5073, 44.5222,
22.8015

 36.5872, 54.8808,
23.5057

 43.4102, 38.1560,
21.5783

 46.8767, 31.5357,
19.8381

 50.8388, 24.9416,
17.7024

 55.2296, 18.5458,
15.2812

■ 59.9888, 12.4344,
12.6606

■ 65.0643, 6.6363,
9.9023

■ 70.4128, 1.1471,
7.0491

■ 75.9985, -4.0552,
4.1291

Harmonies

Analogous

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



38.2256, 70.9958, 11.5277



38.2244, 50.2549, 23.4070



38.2256, 17.4314, 26.2453

Triad

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



38.2256, 50.2508, 23.4076



38.2256, -42.4152, 15.4333



38.2256, 10.2234, -97.6548

Complementary

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



38.2244, 50.2549, 23.4070



57.5012, -22.7523, -21.3093

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.



38.2256, -18.2593, -93.0428



38.2244, 50.2549, 23.4070



38.2256, -43.2769, -10.6355

Square

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



38.2256, 50.2508, 23.4076



38.2256, -32.9898, 24.4281



38.2256, -35.8649, -54.2237



38.2256, 43.6141, -64.1898

Rectangle

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



38.2244, 50.2549, 23.4070



38.2256, -3.7563, 26.6611



38.2256, -35.8649, -54.2237



38.2256, -0.2963, -100.9363

Sweetspot

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



38.2256, 50.2508, 23.4076



80.6414, 14.3280, 15.7256



39.6003, 71.8983, -31.2786



36.2642, 7.8787, 7.8466

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.2256, 50.2508, 23.4076



47.9090, 72.9651, 30.7987



55.7547, 9.1154, 33.8115



33.0423, 0.3810, 3.2081



29.3278, 43.2709, 18.8292



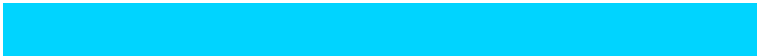
7.0633, 7.3947, 4.4818

Inverse Universe

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



57.5012, -22.7523, -21.3093



73.8576, -28.4341, -30.9345



31.7114, 20.9588, -82.2574



34.2854, -3.8213, 0.4506



45.0078, -17.5624, -18.3436



10.2048, -4.3585, -3.3464

Previews

White Background



This preview shows how the HunterLab color 38.2244, 50.2549, 23.4070 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 38.2244, 50.2549, 23.4070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

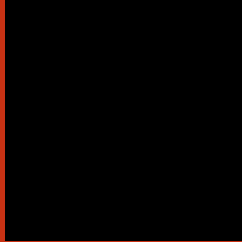
Any Text WCAG AA × Fail

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 38.2244, 50.2549, 23.4070 Background



This preview shows how black text looks on a background with the HunterLab color 38.2244, 50.2549, 23.4070.



This preview shows how white text looks on a background with the HunterLab color 38.2244, 50.2549,

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

38.2244, 50.2549, 23.4070

Protanopia

38.6077, -4.9787, 21.3786

Deuteranopia

38.3888, 2.1235, 23.6922



Tritanopia

38.2935, 52.4916, 20.1857

Trichromacy



Original Color

38.2244, 50.2549, 23.4070

Protanomaly

36.5912, 15.0300, 20.9270

Deuteranomaly

36.8413, 19.9766, 22.7276

Tritanomaly

38.3032, 51.7771, 21.6703

Monochromacy



Original Color

38.2244, 50.2549, 23.4070

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.2115, 15.1076, 10.9080

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.2244, 50.2549, 23.4070 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(200, 50, 20)` looks like.

```
.text, #text, p{  
    color:rgb(200, 50, 20)  
}
```

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(200, 50, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 50, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 38.2244, 50.2549, 23.4070 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(200, 50, 20) }
```


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

```
.border{ border-color:rgb(200, 50, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 50, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 50, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 50, 20);  
box-shadow:4px 4px 4px 4px rgb(200, 50,  
20) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.2244, 50.2549, 23.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 50, 20) }
```

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

```
.background{ background-color: rgb(200, 50,  
20) }
```

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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