

Converting Colors

HunterLab(38.7893, -23.1690,
20.6021)

Have a look what the booklet for
HunterLab(38.7893, -23.1690,
20.6021) contains.

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Color

**HunterLab(38.9369,
-23.2033, 20.6637)**

Conversions

Conversions Part 1

Format	Color
Hex	477927
RGB	71, 121, 39
RGB Percent	28%, 47%, 15%
CMY	0.7216, 0.5255, 0.8470
CMYK	0.41, 0.00, 0.68, 0.53
HSL	97°, 51%, 31%
HSV	97°, 68%, 47%
XYZ	9.8021, 15.1608, 4.3292
YIQ	96.7020, -3.4780, -36.1020

Conversions

Conversions Part 2

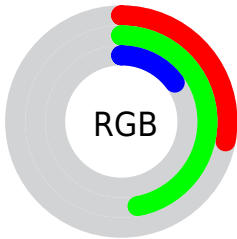
Format	Color
R_{YB}	39, 121, 89
Decimal	4684071
CIE _{Lab}	45.85, -32.14, 38.38
CIE _{LCh}	46, 50.059, 129.938
Yxy	15.1615, 0.3346, 0.5176
Android (android.graphics.Color)	4282874151 (0xFF477927)
YUV	96.7020, -28.4471, -22.5407
Hunter-Lab	38.9369, -23.2033, 20.6637

Details

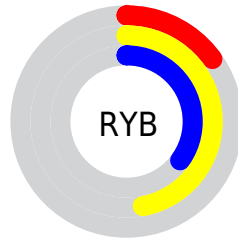
The HunterLab color $[38.9369, -23.2033, 20.6637]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[22.2618, 27.5714, -33.9789]$, and the grayscale version is $[34.5676, -1.8444, 1.8781]$.

A 20% lighter version of the original color is $[59.3192, -28.3817, 26.8273]$, and $[21.8250, -17.2007, 13.1474]$ is the 20% darker color. If you saturate the color by 10%, you get $[38.5116, -25.1048, 21.7039]$, and if you desaturate by 10%, it is $[39.4348, -20.9829, 19.2054]$.

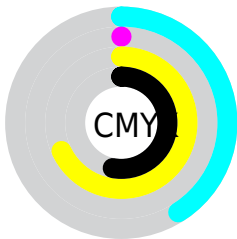
Distribution



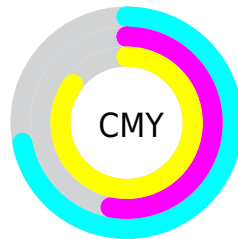
- Red (28%)
- Green (47%)
- Blue (15%)



- Red (15%)
- Yellow (47%)
- Blue (35%)



- Cyan (41%)
- Magenta (0%)
- Yellow (68%)
- Black (53%)



- Cyan (72%)
- Magenta (53%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.9369, -23.2033, 20.6637 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 38.9369, -23.2033, 20.6637 by changing the saturation by 10% instead.

■ 38.9369, -23.2033,
20.6637

■ 38.9369, -23.2033,
20.6637

149.7803,
-43.6214, 44.7487

■ 29.8878, -20.4743,
17.3352

■ 59.2758, -28.2190,
26.7267

■ 21.6734, -17.5153,
13.9866

■ 70.4635, -30.5748,
29.5411

■ 14.3903, -14.2121,
10.0732

■ 82.2780, -32.8593,
32.2487

■ 8.0507, -14.0887,
5.6355

■ 94.6877, -35.0872,
34.8694

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.6653,
-37.2695, 37.4187

0.0000, NaN, NaN

■ 121.1869,

0.0000, NaN, NaN

-39.4150, 39.9088

0.0000, NaN, NaN

135.2316,
-41.5305, 42.3495

■ 38.9369, -23.2033,
20.6637

■ 38.9369, -23.2033,
20.6637

■ 38.5116, -25.1048,
21.7039

■ 39.4348, -20.9829,
19.2054

■ 38.1537, -26.6888,
22.3520

■ 40.0043, -18.4444,
17.3136

■ 37.8562, -27.9957,
22.7152

■ 40.6470, -15.5975,
14.9841

■ 37.7953, -28.2650,
22.7945

■ 41.3629, -12.4555,
12.2204

■ 42.1513, -9.0353,
9.0330

■ 43.0113, -5.3562,
5.4375

■ 43.9413, -1.4389,
1.4536

■ 44.9394, 2.6954,
-2.8961

■ 46.0037, 7.0251,
-7.5876

Harmonies

Analogous

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



38.9377, -8.2961, 23.3498



38.9369, -23.2033, 20.6637



38.9377, -31.2306, 12.4117

Triad

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



38.9377, -23.2041, 20.6639



38.9377, -14.0396, -47.9455



38.9377, 41.7691, 7.7472

Complementary

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



38.9369, -23.2033, 20.6637



22.2618, 27.5714, -33.9789

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.



38.9377, 39.4003, -12.0830



38.9369, -23.2033, 20.6637



38.9377, 4.5529, -51.3520

Square

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



38.9377, -23.2041, 20.6639



38.9377, -26.7003, -28.1399



38.9377, 24.8033, -35.9609



38.9377, 30.7555, 18.6837

Rectangle

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



38.9369, -23.2033, 20.6637



38.9377, -32.7411, 2.1575



38.9377, 24.8033, -35.9609



38.9377, 42.5550, 2.0815

Sweetspot

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



38.9377, -23.2041, 20.6639



56.1070, -13.3768, 13.3082



33.5028, 4.0164, 17.3173



26.7144, -6.8926, 6.8288



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



38.9377, -23.2041, 20.6639



51.2715, -34.7603, 29.5613



37.8334, -27.5596, 18.5820



21.2583, -2.9006, 2.9397



39.1172, -29.2925, 23.5910



85.1639, -65.1062, 51.3378

Inverse Universe

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



22.2618, 27.5714, -33.9789



25.6882, 44.3053, -58.1603



25.8924, 34.5244, -19.0815



20.0078, 0.7633, -0.8245



17.3891, 38.2867, -54.7109



37.3110, 82.8092, -122.5011

Previews

White Background



This preview shows how the HunterLab color 38.9369, -23.2033, 20.6637 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 38.9369, -23.2033, 20.6637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

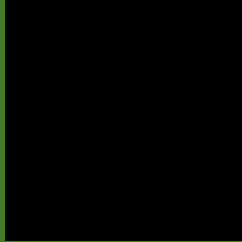
Any Text WCAG AA × Fail

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 38.9369, -23.2033, 20.6637 Background



This preview shows how black text looks on a background with the HunterLab color 38.9369, -23.2033, 20.6637.



This preview shows how white text looks on a background with the HunterLab color 38.9369, -23.2033, 20.6637.

-23.2033, 20.6637.

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

38.9369, -23.2033, 20.6637

Protanopia

38.6231, -4.8933, 21.1515

Deuteranopia

38.6759, 2.2635, 20.0657



Tritanopia

38.8590, -7.9468, -4.2875

Trichromacy



Original Color

38.9369, -23.2033, 20.6637

Protanomaly

38.5064, -12.5350, 20.8130

Deuteranomaly

38.3481, -8.6109, 19.9456

Tritanomaly

38.6339, -14.9304, 8.0058

Monochromacy



Original Color

38.9369, -23.2033, 20.6637

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

35.9229, -10.7752, 10.6618

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.9369, -23.2033, 20.6637 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(71, 121, 39)` looks like.

```
.text, #text, p{  
    color:rgb(71, 121, 39)  
}
```

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(71, 121, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 121, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 38.9369, -23.2033, 20.6637 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(71, 121, 39) }
```


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

```
.border{ border-color:rgb(71, 121, 39) }
```

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

Here you see how a box with a 4 pixel rgb(71, 121, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 121, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 121, 39);  
box-shadow:4px 4px 4px 4px rgb(71, 121,  
39) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.9369, -23.2033, 20.6637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 121, 39) }
```

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

```
.background{ background-color: rgb(71, 121,  
39) }
```

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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