

Converting Colors

HunterLab(38.7666, -13.2798,
0.4235)

Have a look what the booklet for
HunterLab(38.7666, -13.2798,
0.4235) contains.

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Color

**HunterLab(38.8292,
-13.1650, 0.2891)**

Conversions

Conversions Part 1

Format	Color
Hex	497470
RGB	73, 116, 112
RGB Percent	29%, 45%, 44%
CMY	0.7137, 0.5451, 0.5608
CMYK	0.37, 0.00, 0.03, 0.55
HSL	174°, 23%, 37%
HSV	174°, 37%, 45%
XYZ	11.9176, 15.0771, 17.6112
YIQ	102.6870, -24.3440, -10.3600

Conversions

Conversions Part 2

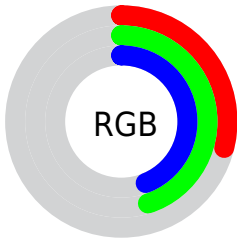
Format	Color
R_{YB}	73, 96, 116
Decimal	4813936
CIE _{Lab}	45.74, -15.86, -2.52
CIE _{LCh}	46, 16.061, 189.033
Yxy	15.0777, 0.2672, 0.3380
Android (android.graphics.Color)	4283004016 (0xFF497470)
YUV	102.6870, 4.5913, -26.0355
Hunter-Lab	38.8292, -13.1650, 0.2891

Details

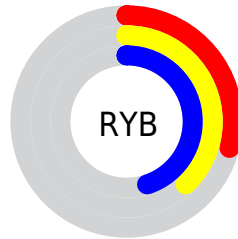
The HunterLab color $[38.8292, -13.1650, 0.2891]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[30.0239, 12.4107, 4.8515]$, and the grayscale version is $[36.7008, -1.9583, 1.9940]$.

A 20% lighter version of the original color is $[59.1360, -15.9053, 0.9475]$, and $[21.6763, -10.1885, -0.0889]$ is the 20% darker color. If you saturate the color by 10%, you get $[38.2650, -15.3716, 0.0427]$, and if you desaturate by 10%, it is $[39.4944, -10.6263, 0.6613]$.

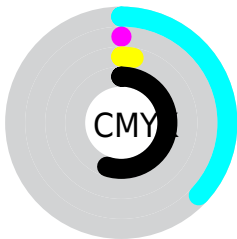
Distribution



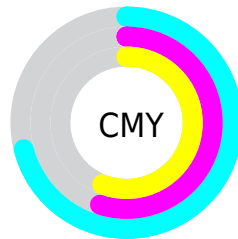
- Red (29%)
- Green (45%)
- Blue (44%)



- Red (29%)
- Yellow (38%)
- Blue (45%)



- Cyan (37%)
- Magenta (0%)
- Yellow (3%)
- Black (55%)



- Cyan (71%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.8292, -13.1650, 0.2891 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 38.8292, -13.1650, 0.2891 by changing the saturation by 10% instead.

■ 38.8292, -13.1650,
0.2891

■ 38.8292, -13.1650,
0.2891

149.6114,
-26.0137, 5.3240

■ 29.7891, -11.6259,
-0.0558

■ 59.1518, -16.1123,
1.1331

■ 21.5848, -10.0096,
-0.3418

■ 70.3322, -17.5474,
1.6220

■ 14.3130, -8.2691,
-0.5580

■ 82.1397, -18.9683,
2.1512

■ 7.9718, -9.0960,
-0.8773

■ 94.5428, -20.3807,
2.7181

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.5140,
-21.7886, 3.3206

0.0000, NaN, NaN

121.0296,

0.0000, NaN, NaN

-23.1952, 3.9567

0.0000, NaN, NaN

135.0683,
-24.6030, 4.6250

■ 38.8292, -13.1650,
0.2891

■ 38.8292, -13.1650,
0.2891

■ 38.2650, -15.3716,
0.0427

■ 39.4944, -10.6263,
0.6613

■ 37.7977, -17.2345,
-0.0801

■ 40.2586, -7.7709,
1.1557

■ 37.4248, -18.7521,
-0.0819

■ 41.1222, -4.6208,
1.7688

■ 37.1414, -19.9317,
0.0307

■ 42.0834, -1.2011,
2.4947

■ 36.9405, -20.7915,
0.2482

■ 43.1399, 2.4614,
3.3267

■ 36.8021, -21.4059,
0.5433

■ 44.2887, 6.3392,
4.2569

■ 36.7634, -21.5789,
0.6317

■ 45.5265, 10.4055,
5.2772

■ 46.8493, 14.6347,
6.3796

■ 48.2535, 19.0030,
7.5559

Harmonies

Analogous

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



38.8300, -12.5959, 5.9584



38.8292, -13.1650, 0.2891



38.8300, -10.9115, -5.7324

Triad

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



38.8300, -13.1654, 0.2897



38.8300, 5.7268, -7.7733



38.8300, 2.2869, 11.2861

Complementary

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



38.8292, -13.1650, 0.2891



30.0239, 12.4107, 4.8515

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.



38.8300, 7.6323, 8.6018



38.8292, -13.1650, 0.2891



38.8300, 9.7033, -2.1696

Square

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



38.8300, -13.1654, 0.2897



38.8300, -0.1835, -10.8447



38.8300, 10.4217, 3.8532



38.8300, -3.9289, 11.7325

Rectangle

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



38.8292, -13.1650, 0.2891



38.8300, -8.0226, -8.9285



38.8300, 10.4217, 3.8532



38.8300, 4.2558, 10.6383

Sweetspot

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



38.8300, -13.1654, 0.2897



54.0220, -7.9300, 1.9841



38.1611, -17.5122, 13.4143



26.3279, -4.0851, 0.9278



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



38.8300, -13.1654, 0.2897



50.8680, -19.8435, 0.1076



34.0055, -5.2156, -7.9469



20.3708, -2.6199, 0.8152



38.9428, -22.8702, 0.6950



85.9276, -50.7222, 2.0927

Inverse Universe

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



30.0239, 12.4107, 4.8515



36.9484, 20.9158, 7.4639



33.9715, 4.0157, 10.0018



19.2507, 0.5869, 1.3756



20.4742, 35.1851, 12.2805



45.1314, 77.4282, 28.0827

Previews

White Background



This preview shows how the HunterLab color 38.8292, -13.1650, 0.2891 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 38.8292, -13.1650, 0.2891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

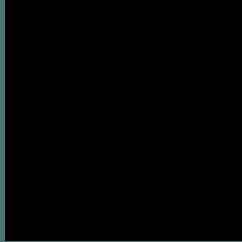
Any Text WCAG AA × Fail

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 38.8292, -13.1650, 0.2891 Background



This preview shows how black text looks on a background with the HunterLab color 38.8292, -13.1650, 0.2891.



This preview shows how white text looks on a background with the HunterLab color 38.8292, -13.1650, 0.2891.

-13.1650, 0.2891.

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

38.8292, -13.1650, 0.2891

Protanopia

38.5901, -1.1933, 2.3868

Deuteranopia

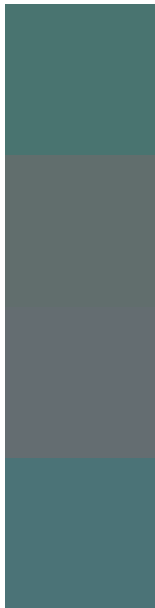
38.6819, 2.2591, -0.5257



Tritanopia

38.7314, -9.8353, -4.9916

Trichromacy



Original Color

38.8292, -13.1650, 0.2891

Protanomaly

38.4674, -5.7596, 1.3029

Deuteranomaly

38.5212, -3.9067, -0.3776

Tritanomaly

38.8449, -11.1719, -2.8982

Monochromacy



Original Color

38.8292, -13.1650, 0.2891

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

37.4714, -6.6120, 1.3986

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.8292, -13.1650, 0.2891 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(73, 116, 112)` looks like.

```
.text, #text, p{  
    color:rgb(73, 116, 112)  
}
```

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(73, 116, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 116, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 38.8292, -13.1650, 0.2891 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(73, 116, 112) }
```


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

```
.border{ border-color:rgb(73, 116, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 116, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 116, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 116, 112);  
box-shadow:4px 4px 4px 4px rgb(73, 116,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.8292, -13.1650, 0.2891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 116, 112) }
```

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

```
.background{ background-color: rgb(73, 116,  
112) }
```

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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