

Converting Colors

HunterLab(37.9955, -13.6314,
2.5860)

Have a look what the booklet for
HunterLab(37.9955, -13.6314,
2.5860) contains.

HunterLab(38.0139, -13.6341, 2.7585)	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(38.0139,
-13.6341, 2.7585)**

Conversions

Conversions Part 1

Format	Color
Hex	497268
RGB	73, 114, 104
RGB Percent	29%, 45%, 41%
CMY	0.7137, 0.5529, 0.5922
CMYK	0.36, 0.00, 0.09, 0.55
HSL	165°, 22%, 37%
HSV	165°, 36%, 45%
XYZ	11.2637, 14.4506, 15.2923
YIQ	100.6010, -21.2260, -11.8020

Conversions

Conversions Part 2

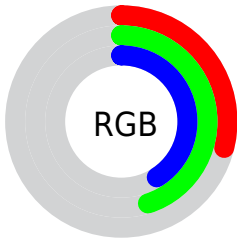
Format	Color
RYB	73, 96, 114
Decimal	4813416
CIELab	44.87, -16.79, 0.99
CIElCh	45, 16.817, 176.616
Yxy	14.4512, 0.2747, 0.3524
Android (android.graphics.Color)	4283003496 (0xFF497268)
YUV	100.6010, 1.6757, -24.2061
Hunter-Lab	38.0139, -13.6341, 2.7585

Details

The HunterLab color **38.0139, -13.6341, 2.7585** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **29.9457, 12.4713, 2.4666**, and the grayscale version is **35.9247, -1.9168, 1.9519**.

A 20% lighter version of the original color is **58.1807, -16.7675, 3.9555**, and **20.9726, -10.4229, 1.7977** is the 20% darker color. If you saturate the color by 10%, you get **37.4036, -16.1158, 3.1600**, and if you desaturate by 10%, it is **38.7240, -10.8292, 2.4667**.

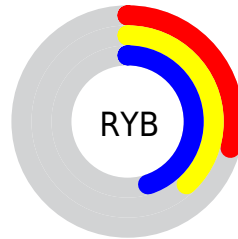
Distribution



Red (29%)

Green (45%)

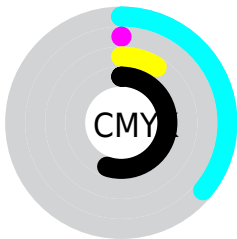
Blue (41%)



Red (29%)

Yellow (38%)

Blue (45%)

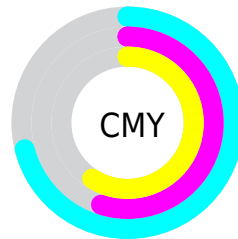


Cyan (36%)

Magenta (0%)

Yellow (9%)

Black (55%)



Cyan (71%)

Magenta (55%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0139, -13.6341, 2.7585 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 38.0139, -13.6341, 2.7585 by changing the saturation by 10% instead.

■ 38.0139, -13.6341,
2.7585

■ 38.0139, -13.6341,
2.7585

148.3306,
-26.9128, 9.1661

■ 29.0433, -12.0239,
2.2103

■ 58.2129, -16.7019,
3.9656

■ 20.9156, -10.3251,
1.7011

■ 69.3372, -18.1896,
4.6196

■ 13.7304, -8.4840,
1.2341

■ 81.0916, -19.6596,
5.3053

■ 7.3450, -10.3517,
0.9600

■ 93.4442, -21.1179,
6.0213

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.3672,
-22.5693, 6.7664

0.0000, NaN, NaN

119.8364,

0.0000, NaN, NaN

-24.0172, 7.5395

0.0000, NaN, NaN

133.8305,
-25.4643, 8.3397

■ 38.0139, -13.6341,
2.7585

■ 38.0139, -13.6341,
2.7585

■ 37.4036, -16.1158,
3.1600

■ 38.7240, -10.8292,
2.4667

■ 36.8897, -18.2585,
3.6646

■ 39.5316, -7.7200,
2.2858

■ 36.4703, -20.0556,
4.2650

■ 40.4364, -4.3317,
2.2170

■ 36.1411, -21.5097,
4.9511

■ 41.4363, -0.6913,
2.2588

■ 35.8958, -22.6340,
5.7102

■ 42.5287, 3.1731,
2.4082

■ 35.7185, -23.4857,
6.5187

■ 43.7104, 7.2334,
2.6608

■ 35.6513, -23.8117,
6.8416

■ 44.9779, 11.4628,
3.0116

■ 46.3272, 15.8363,
3.4546

■ 47.7544, 20.3312,
3.9837

Harmonies

Analogous

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



38.0147, -11.8409, 8.0049



38.0139, -13.6341, 2.7585



38.0147, -12.4941, -3.6042

Triad

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



38.0147, -13.6346, 2.7590



38.0147, 3.6864, -10.0603



38.0147, 5.0367, 10.6604

Complementary

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



38.0139, -13.6341, 2.7585



29.9457, 12.4713, 2.4666

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.



38.0147, 9.7038, 6.9840



38.0139, -13.6341, 2.7585



38.0147, 8.8885, -5.0110

Square

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



38.0147, -13.6346, 2.7590



38.0147, -2.7596, -11.6909



38.0147, 11.1579, 1.3663



38.0147, -1.2956, 12.0622

Rectangle

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



38.0139, -13.6341, 2.7585



38.0147, -10.1789, -7.5413



38.0147, 11.1579, 1.3663



38.0147, 6.8681, 9.6831

Sweetspot

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



38.0147, -13.6346, 2.7590



52.9488, -8.1749, 2.9690



37.9034, -15.4241, 13.2255



25.4066, -4.1436, 1.4327



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



38.0147, -13.6346, 2.7590



49.7231, -20.7858, 4.0796



35.3303, -7.7147, -5.0815



19.4986, -2.6138, 1.0810



37.6106, -25.1445, 7.2697



83.8595, -56.6332, 17.4377

Inverse Universe

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



29.9457, 12.4713, 2.4666



36.8659, 21.0888, 3.7704



32.0683, 6.5283, 8.2200



18.4760, 0.6580, 1.0244



20.1798, 35.0038, 9.5872



44.9084, 77.6415, 23.3258

Previews

White Background



This preview shows how the HunterLab color 38.0139, -13.6341, 2.7585 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 38.0139, -13.6341, 2.7585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

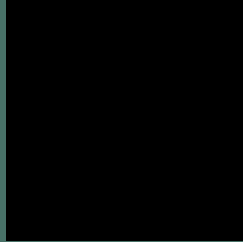
Any Text WCAG AA × Fail

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 38.0139, -13.6341, 2.7585 Background



This preview shows how black text looks on a background with the HunterLab color 38.0139, -13.6341, 2.7585.



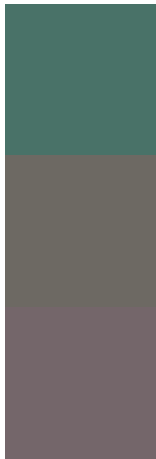
This preview shows how white text looks on a background with the HunterLab color 38.0139,

-13.6341, 2.7585.

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

38.0139, -13.6341, 2.7585

Protanopia

37.7561, -1.7271, 4.6980

Deuteranopia

37.7576, 2.7350, 1.9021



Tritanopia

38.1400, -9.1517, -4.7788

Trichromacy



Original Color

38.0139, -13.6341, 2.7585

Protanomaly

37.6185, -6.3518, 3.6645

Deuteranomaly

37.4664, -3.8243, 1.8704

Tritanomaly

38.1897, -10.8365, -1.8386

Monochromacy



Original Color

38.0139, -13.6341, 2.7585

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.7308, -6.6106, 2.2268

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0139, -13.6341, 2.7585 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, 114, 104)` looks like.

```
.text, #text, p{  
    color:rgb(73, 114, 104)  
}
```

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, 114, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 114, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0139, -13.6341, 2.7585 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, 114, 104) }
```


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

```
.border{ border-color:rgb(73, 114, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 114, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 114, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 114, 104);  
box-shadow:4px 4px 4px 4px rgb(73, 114,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.0139, -13.6341, 2.7585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 114, 104) }
```

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

```
.background{ background-color: rgb(73, 114,  
104) }
```

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