

Converting Colors

HunterLab(30.0549, -8.8501,
1.2043)

Have a look what the booklet for
HunterLab(30.0549, -8.8501, 1.2043)
contains.

HunterLab(30.0682, -8.7737, 1.0139)	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(30.0682, -8.7737,
1.0139)**

Conversions

Conversions Part 1

Format	Color
Hex	3F5A56
RGB	63, 90, 86
RGB Percent	25%, 35%, 34%
CMY	0.7529, 0.6471, 0.6627
CMYK	0.30, 0.00, 0.04, 0.65
HSL	171°, 18%, 30%
HSV	171°, 30%, 35%
XYZ	7.3858, 9.0410, 10.1599
YIQ	81.4710, -14.8080, -6.9680

Conversions

Conversions Part 2

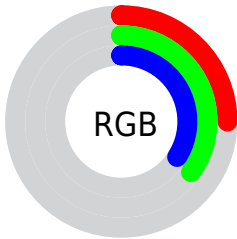
Format	Color
RYB	63, 78, 90
Decimal	4151894
CIELab	36.06, -11.05, -0.95
CIELCh	36, 11.086, 184.912
Yxy	9.0413, 0.2778, 0.3401
Android (android.graphics.Color)	4282341974 (0xFF3F5A56)
YUV	81.4710, 2.2328, -16.1991
Hunter-Lab	30.0682, -8.7737, 1.0139

Details

The HunterLab color **30.0682, -8.7737, 1.0139** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **24.7672, 7.1603, 2.6740**, and the grayscale version is **28.8522, -1.5395, 1.5676**.

A 20% lighter version of the original color is **48.9678, -10.9511, 1.7795**, and **14.4570, -6.1574, 0.1971** is the 20% darker color. If you saturate the color by 10%, you get **29.5762, -10.6935, 0.9476**, and if you desaturate by 10%, it is **30.6333, -6.6259, 1.1693**.

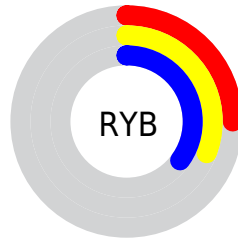
Distribution



 Red (25%)

 Green (35%)

 Blue (34%)



 Red (25%)

 Yellow (31%)

 Blue (35%)

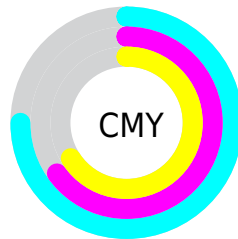


 Cyan (30%)

 Magenta (0%)

 Yellow (4%)

 Black (65%)



 Cyan (75%)

 Magenta (65%)

 Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.0682, -8.7737, 1.0139 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 30.0682, -8.7737, 1.0139 by changing the saturation by 10% instead.

■ 30.0682, -8.7737,
1.0139

■ 30.0682, -8.7737,
1.0139

■ 135.5308,
-19.4589, 6.3560

■ 21.8361, -7.5330,
0.6278

■ 48.9653, -11.1662,
1.9352

■ 14.5323, -6.2278,
0.2994

■ 59.5032, -12.3431,
2.4605

■ 8.1933, -6.3121,
-0.0343

■ 70.7043, -13.5170,
3.0248

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.5316, -14.6924,
3.6255

0.0000, NaN, NaN

■ 94.9535, -15.8723,
4.2606

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.9427,

-17.0589, 4.9284

0.0000, NaN, NaN

121.4754,
-18.2540, 5.6273

■ 30.0682, -8.7737,
1.0139

■ 30.0682, -8.7737,
1.0139

■ 29.5762, -10.6935,
0.9476

■ 30.6333, -6.6259,
1.1693

■ 29.1552, -12.3721,
0.9689

■ 31.2694, -4.2641,
1.4112

■ 28.8044, -13.8029,
1.0764

■ 31.9759, -1.7062,
1.7373

■ 28.5215, -14.9840,
1.2662

■ 32.7514, 1.0287,
2.1440

■ 28.3030, -15.9204,
1.5325

■ 33.5937, 3.9212,
2.6269

■ 28.1438, -16.6259,
1.8672

■ 34.5006, 6.9522,
3.1811

■ 28.0067, -17.2458,
2.2228

■ 35.4694, 10.1034,
3.8013

■ 36.4975, 13.3578,
4.4823

■ 37.5820, 16.6998,
5.2189

Harmonies

Analogous

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



30.0688, -8.1515, 4.5293



30.0682, -8.7737, 1.0139



30.0688, -7.5581, -2.7773

Triad

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



30.0688, -8.7741, 1.0143



30.0688, 2.8446, -4.8785



30.0688, 1.6673, 7.4490

Complementary

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



30.0682, -8.7737, 1.0139



24.7672, 7.1603, 2.6740

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.



30.0688, 4.8484, 5.4689



30.0682, -8.7737, 1.0139



30.0688, 5.5522, -1.5753

Square

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



30.0688, -8.7741, 1.0143



30.0688, -0.9559, -6.4469



30.0688, 6.3036, 2.2461



30.0688, -2.2507, 7.9569

Rectangle

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



30.0682, -8.7737, 1.0139



30.0688, -5.8298, -4.8632



30.0688, 6.3036, 2.2461



30.0688, 2.8646, 6.9472

Sweetspot

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



30.0688, -8.7741, 1.0143



41.4214, -5.4083, 1.8934



29.7769, -10.9160, 8.7934



20.3219, -2.8144, 0.9128



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



30.0688, -8.7741, 1.0143



39.2938, -13.4559, 1.2665



27.5925, -4.2660, -3.8580



16.1715, -2.0534, 0.7451



34.4586, -21.2864, 2.8811



80.5729, -50.1956, 7.6487

Inverse Universe

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



24.7672, 7.1603, 2.6740



30.7306, 12.4102, 4.0088



26.8811, 2.4984, 6.2351



15.3396, 0.4279, 0.9966



18.2503, 31.4633, 10.1722



42.6058, 73.2505, 25.3077

Previews

White Background



This preview shows how the HunterLab color 30.0682, -8.7737, 1.0139 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 30.0682, -8.7737, 1.0139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

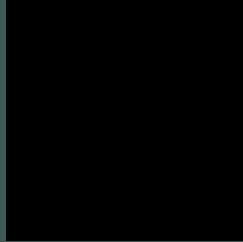
Any Text WCAG AA × Fail

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 30.0682, -8.7737, 1.0139 Background



This preview shows how black text looks on a background with the HunterLab color 30.0682, -8.7737, 1.0139.



This preview shows how white text looks on a background with the HunterLab color 30.0682, -8.7737,

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

30.0682, -8.7737, 1.0139

Protanopia

29.9059, -1.1868, 2.1826

Deuteranopia

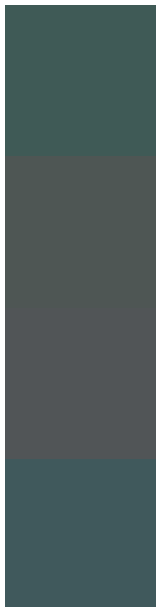
29.9388, 1.8218, 0.1962



Tritanopia

30.1879, -6.3313, -3.2438

Trichromacy



Original Color

30.0682, -8.7737, 1.0139

Protanomaly

29.8586, -4.0093, 1.6736

Deuteranomaly

29.8905, -2.3716, 0.4914

Tritanomaly

30.0124, -7.2104, -1.6352

Monochromacy



Original Color

30.0682, -8.7737, 1.0139

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

29.0190, -4.3071, 1.0857

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.0682, -8.7737, 1.0139 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(63, 90, 86)` looks like.

```
.text, #text, p{  
    color:rgb(63, 90, 86)  
}
```

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(63, 90, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 90, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 30.0682, -8.7737, 1.0139 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(63, 90, 86) }
```


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

```
.border{ border-color:rgb(63, 90, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 90, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 90, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 90, 86);  
box-shadow:4px 4px 4px 4px rgb(63, 90, 86)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.0682, -8.7737, 1.0139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 90, 86) }
```

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

```
.background{ background-color: rgb(63, 90,  
86) }
```

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