

Converting Colors

HunterLab(28.8139, -11.8874,
4.3726)

Have a look what the booklet for
HunterLab(28.8139, -11.8874,
4.3726) contains.

HunterLab(28.6893, -11.6685, 4.0851)	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(28.6893,
-11.6685, 4.0851)**

Conversions

Conversions Part 1

Format	Color
Hex	35584A
RGB	53, 88, 74
RGB Percent	21%, 35%, 29%
CMY	0.7922, 0.6549, 0.7098
CMYK	0.40, 0.00, 0.16, 0.65
HSL	156°, 25%, 28%
HSV	156°, 40%, 35%
XYZ	6.1940, 8.2308, 7.7408
YIQ	75.9390, -16.3660, -11.7740

Conversions

Conversions Part 2

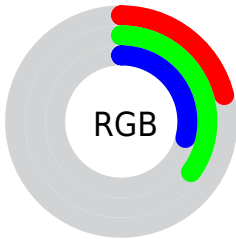
Format	Color
RYB	53, 75, 88
Decimal	3496010
CIELab	34.46, -16.29, 4.15
CIELCh	34, 16.807, 165.718
Yxy	8.2311, 0.2794, 0.3713
Android (android.graphics.Color)	4281686090 (0xFF35584A)
YUV	75.9390, -0.9559, -20.1175
Hunter-Lab	28.6893, -11.6685, 4.0851

Details

The HunterLab color $28.6893, -11.6685, 4.0851$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $22.4195, 11.0128, -0.0363$, and the grayscale version is $26.8696, -1.4337, 1.4599$.

A 20% lighter version of the original color is $47.3009, -14.7347, 5.4001$, and $13.3730, -8.2209, 2.6508$ is the 20% darker color. If you saturate the color by 10%, you get $28.2276, -13.6197, 4.8169$, and if you desaturate by 10%, it is $29.2245, -9.4743, 3.4012$.

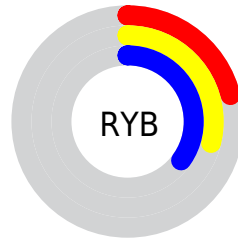
Distribution



 Red (21%)

 Green (35%)

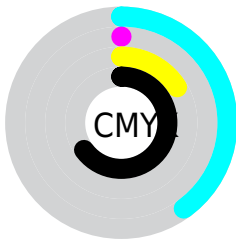
 Blue (29%)



 Red (21%)

 Yellow (29%)

 Blue (35%)

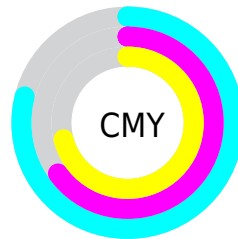


 Cyan (40%)

 Magenta (0%)

 Yellow (16%)

 Black (65%)



 Cyan (79%)

 Magenta (65%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.6893, -11.6685, 4.0851 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 28.6893, -11.6685, 4.0851 by changing the saturation by 10% instead.

■ 28.6893, -11.6685,
4.0851

■ 28.6893, -11.6685,
4.0851

■ 133.2417,
-24.8742, 11.5954

■ 20.5990, -10.0059,
3.3542

■ 47.3395, -14.7694,
5.6003

■ 13.4555, -8.2042,
2.6316

■ 57.7670, -16.2552,
6.3892

■ 7.0264, -10.4759,
2.8284

■ 68.8644, -17.7161,
7.2005

0.0000, NaN, NaN

■ 80.5935, -19.1606,
8.0345

0.0000, NaN, NaN

■ 92.9219, -20.5947,
8.8911

0.0000, NaN, NaN

■ 105.8218,

0.0000, NaN, NaN

-22.0229, 9.7703

0.0000, NaN, NaN

119.2689,
-23.4485, 10.6719

■ 28.6893, -11.6685,
4.0851

■ 28.6893, -11.6685,
4.0851

■ 28.2276, -13.6197,
4.8169

■ 29.2245, -9.4743,
3.4012

■ 27.8369, -15.3150,
5.5878

■ 29.8312, -7.0519,
2.7703

■ 27.5158, -16.7486,
6.3893

■ 30.5094, -4.4205,
2.1976

■ 27.2614, -17.9211,
7.2112

■ 31.2574, -1.6010,
1.6864

■ 27.0690, -18.8428,
8.0423

■ 32.0734, 1.3854,
1.2387

■ 26.9016, -19.6594,
8.8412

■ 32.9549, 4.5175,
0.8551

■ 26.8979, -19.6778,
8.8587

■ 33.8994, 7.7751,
0.5354

■ 34.9041, 11.1392,
0.2782

■ 35.9662, 14.5929,
0.0817

Harmonies

Analogous

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



28.6899, -9.1719, 8.0906



28.6893, -11.6685, 4.0851



28.6899, -11.6062, -1.5010

Triad

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



28.6899, -11.6689, 4.0854



28.6899, 1.5889, -10.8113



28.6899, 6.7785, 8.2324

Complementary

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



28.6893, -11.6685, 4.0851



22.4195, 11.0128, -0.0363

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.



28.6899, 10.1574, 4.3200



28.6893, -11.6685, 4.0851



28.6899, 7.0009, -6.9888

Square

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



28.6899, -11.6689, 4.0854



28.6899, -4.2632, -10.9094



28.6899, 10.2419, -1.2145



28.6899, 1.3047, 10.1379

Rectangle

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



28.6893, -11.6685, 4.0851



28.6899, -10.1308, -5.4380



28.6899, 10.2419, -1.2145



28.6899, 8.2156, 7.1479

Sweetspot

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



28.6899, -11.6689, 4.0854



40.0991, -6.7837, 3.0969



29.0704, -11.0380, 10.8501



20.1513, -3.5393, 1.5850



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.



28.6899, -11.6689, 4.0854



37.3366, -17.9652, 6.3512



28.2346, -8.4124, -2.1375



15.3277, -2.0765, 1.0740



33.0293, -24.2898, 11.1509



78.1689, -58.2801, 28.1056

Inverse Universe

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



22.4195, 11.0128, -0.0363



27.2577, 18.7524, -0.1105



22.6985, 8.0708, 5.3299



14.5999, 0.5272, 0.5793



18.1804, 32.0874, 4.3605



42.8946, 75.3358, 13.1639

Previews

White Background



This preview shows how the HunterLab color 28.6893, -11.6685, 4.0851 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 28.6893, -11.6685, 4.0851 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 28.6893, -11.6685, 4.0851 Background



This preview shows how black text looks on a background with the HunterLab color 28.6893, -11.6685, 4.0851.



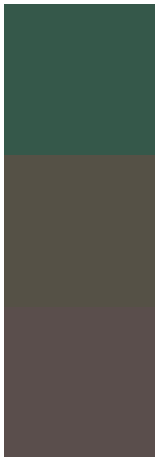
This preview shows how white text looks on a background with the HunterLab color 28.6893,

-11.6685, 4.0851.

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

28.6893, -11.6685, 4.0851

Protanopia

28.7373, -1.8770, 5.7202

Deuteranopia

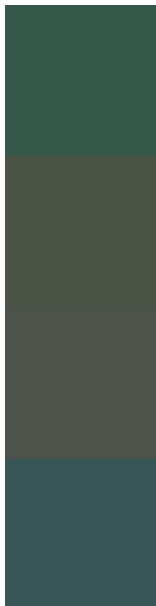
28.5381, 1.6312, 3.4083



Tritanopia

28.5299, -6.9595, -3.5837

Trichromacy



Original Color

28.6893, -11.6685, 4.0851

Protanomaly

28.6567, -6.2022, 5.2159

Deuteranomaly

28.4963, -3.8416, 3.6421

Tritanomaly

28.5521, -8.7149, -0.4055

Monochromacy



Original Color

28.6893, -11.6685, 4.0851

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.3391, -5.2569, 2.3181

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.6893, -11.6685, 4.0851 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(53, 88, 74)` looks like.

```
.text, #text, p{  
    color:rgb(53, 88, 74)  
}
```

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(53, 88, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 88, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 28.6893, -11.6685, 4.0851 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(53, 88, 74) }
```


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

```
.border{ border-color:rgb(53, 88, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 88, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 88, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 88, 74);  
box-shadow:4px 4px 4px 4px rgb(53, 88, 74)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.6893, -11.6685, 4.0851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 88, 74) }
```

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

```
.background{ background-color: rgb(53, 88,  
74) }
```

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