

Converting Colors

HunterLab(29.8732, -11.0260,
5.8851)

Have a look what the booklet for
HunterLab(29.8732, -11.0260,
5.8851) contains.

HunterLab(29.9569, -11.3262, 6.1269)	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(29.9569,
-11.3262, 6.1269)**

Conversions

Conversions Part 1

Format	Color
Hex	3E5B48
RGB	62, 91, 72
RGB Percent	24%, 36%, 28%
CMY	0.7569, 0.6431, 0.7176
CMYK	0.32, 0.00, 0.21, 0.64
HSL	141°, 19%, 30%
HSV	141°, 32%, 36%
XYZ	6.8974, 8.9742, 7.4995
YIQ	80.1630, -11.1850, -12.0570

Conversions

Conversions Part 2

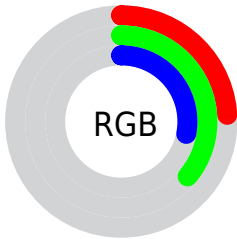
Format	Color
RYB	62, 84, 91
Decimal	4086600
CIELab	35.94, -15.30, 7.56
CIElCh	36, 17.068, 153.708
Yxy	8.9745, 0.2951, 0.3840
Android (android.graphics.Color)	4282276680 (0xFF3E5B48)
YUV	80.1630, -4.0244, -15.9290
Hunter-Lab	29.9569, -11.3262, 6.1269

Details

The HunterLab color $29.9569, -11.3262, 6.1269$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $25.0273, 9.8542, -2.8483$, and the grayscale version is $28.3995, -1.5153, 1.5430$.

A 20% lighter version of the original color is $48.7040, -14.3311, 8.1288$, and $14.4215, -8.1672, 4.2268$ is the 20% darker color. If you saturate the color by 10%, you get $29.3777, -13.8080, 7.4463$, and if you desaturate by 10%, it is $30.6193, -8.5731, 4.7741$.

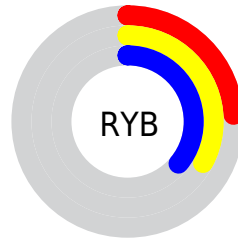
Distribution



 Red (24%)

 Green (36%)

 Blue (28%)



 Red (24%)

 Yellow (33%)

 Blue (36%)

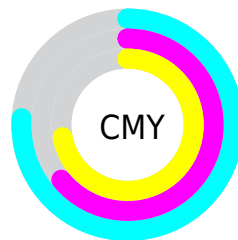


 Cyan (32%)


 Magenta (0%)

 Yellow (21%)

 Black (64%)



 Cyan (76%)

 Magenta (64%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9569, -11.3262, 6.1269 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 29.9569, -11.3262, 6.1269 by changing the saturation by 10% instead.

■ 29.9569, -11.3262,
6.1269

■ 29.9569, -11.3262,
6.1269

■ 135.3469,
-24.0323, 15.2177

■ 21.7361, -9.7563,
5.1407

■ 48.8343, -14.2796,
8.0790

■ 14.4450, -8.0698,
4.1242

■ 59.3634, -15.7032,
9.0607

■ 8.1060, -8.6590,
4.3073

■ 70.5563, -17.1074,
10.0521

0.0000, NaN, NaN

■ 82.3757, -18.4993,
11.0557

0.0000, NaN, NaN

■ 94.7901, -19.8844,
12.0731

0.0000, NaN, NaN

■ 107.7722,

0.0000, NaN, NaN

-21.2664, 13.1055

0.0000, NaN, NaN

121.2981,
-22.6482, 14.1535

■ 29.9569, -11.3262,
6.1269

■ 29.9569, -11.3262,
6.1269

■ 29.3777, -13.8080,
7.4463

■ 30.6193, -8.5731,
4.7741

■ 28.8801, -15.9960,
8.7176

■ 31.3618, -5.5720,
3.3998

■ 28.4640, -17.8748,
9.9275

■ 32.1831, -2.3503,
2.0161

■ 28.1274, -19.4360,
11.0627

■ 33.0807, 1.0648,
0.6337

■ 27.8669, -20.6799,
12.1109

■ 34.0515, 4.6465,
-0.7386

■ 27.6749, -21.6267,
13.0596

■ 35.0924, 8.3695,
-2.0935

■ 27.5380, -22.3053,
13.7305

■ 36.2000, 12.2108,
-3.4252

■ 37.3708, 16.1496,
-4.7293

■ 38.6013, 20.1679,
-6.0029

Harmonies

Analogous

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



29.9575, -7.7827, 9.4488



29.9569, -11.3262, 6.1269



29.9575, -12.3410, 0.9066

Triad

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



29.9575, -11.3267, 6.1272



29.9575, -0.8445, -11.6375



29.9575, 8.6973, 7.1417

Complementary

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



29.9569, -11.3262, 6.1269



25.0273, 9.8542, -2.8483

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.



29.9575, 10.9062, 2.3371



29.9569, -11.3262, 6.1269



29.9575, 5.1285, -9.1049

Square

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



29.9575, -11.3267, 6.1272



29.9575, -6.5776, -10.0753



29.9575, 9.5515, -3.6931



29.9575, 3.7252, 9.9478

Rectangle

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



29.9569, -11.3262, 6.1269



29.9575, -11.5187, -3.1655



29.9575, 9.5515, -3.6931



29.9575, 9.8047, 5.7452

Sweetspot

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



29.9575, -11.3267, 6.1272



41.1678, -6.6464, 4.1635



30.9749, -7.9149, 10.2244



20.1955, -3.4429, 2.1240



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.



29.9575, -11.3267, 6.1272



38.6064, -17.2166, 9.2767



30.3006, -9.3480, 1.2105



16.1172, -2.3553, 1.5204



33.4891, -27.2382, 16.9409



78.2694, -64.3530, 41.0897

Inverse Universe

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



25.0273, 9.8542, -2.8483



30.8055, 16.4106, -4.8890



24.6431, 7.9072, 2.6100



15.3954, 0.7285, 0.2016



19.3866, 35.6027, -6.0974



45.1769, 82.6331, -11.6306

Previews

White Background



This preview shows how the HunterLab color 29.9569, -11.3262, 6.1269 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 29.9569, -11.3262, 6.1269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

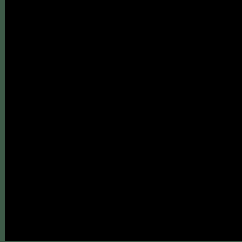
Any Text WCAG AA × Fail

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 29.9569, -11.3262, 6.1269 Background



This preview shows how black text looks on a background with the HunterLab color 29.9569, -11.3262, 6.1269.



This preview shows how white text looks on a background with the HunterLab color 29.9569,

-11.3262, 6.1269.

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

29.9569, -11.3262, 6.1269

Protanopia

29.8231, -2.1274, 7.1464

Deuteranopia

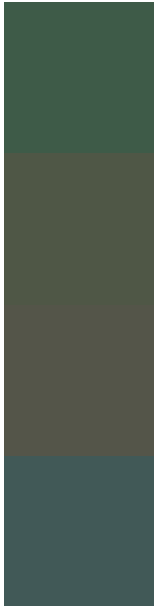
29.7759, 1.8590, 5.4802



Tritanopia

29.9983, -5.6676, -3.0124

Trichromacy



Original Color

29.9569, -11.3262, 6.1269

Protanomaly

29.8678, -6.0229, 6.7967

Deuteranomaly

29.7705, -3.4885, 5.7299

Tritanomaly

29.9277, -7.8039, 0.4414

Monochromacy



Original Color

29.9569, -11.3262, 6.1269

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.7975, -5.4100, 3.1945

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9569, -11.3262, 6.1269 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(62, 91, 72)` looks like.

```
.text, #text, p{  
    color:rgb(62, 91, 72)  
}
```

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(62, 91, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 91, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9569, -11.3262, 6.1269 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(62, 91, 72) }
```


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

```
.border{ border-color:rgb(62, 91, 72) }
```

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

Here you see how a box with a 4 pixel rgb(62, 91, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 91, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 91, 72);  
box-shadow:4px 4px 4px 4px rgb(62, 91, 72)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.9569, -11.3262, 6.1269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 91, 72) }
```

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

```
.background{ background-color: rgb(62, 91,  
72) }
```

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