

Converting Colors

HunterLab(29.9756, -7.7857,
-0.4447)

Have a look what the booklet for
HunterLab(29.9756, -7.7857,
-0.4447) contains.

HunterLab(29.9266, -7.6973, -0.4186)	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(29.9266, -7.6973,
-0.4186)**

Conversions

Conversions Part 1

Format	Color
Hex	405959
RGB	64, 89, 89
RGB Percent	25%, 35%, 35%
CMY	0.7490, 0.6510, 0.6510
CMYK	0.28, 0.00, 0.00, 0.65
HSL	180°, 16%, 30%
HSV	180°, 28%, 35%
XYZ	7.4899, 8.9560, 10.7851
YIQ	81.5250, -14.9000, -5.3000

Conversions

Conversions Part 2

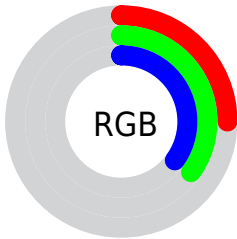
Format	Color
RYB	64, 77, 89
Decimal	4217177
CIELab	35.90, -9.34, -3.06
CIELCh	36, 9.829, 198.108
Yxy	8.9564, 0.2751, 0.3289
Android (android.graphics.Color)	4282407257 (0xFF405959)
YUV	81.5250, 3.6852, -15.3694
Hunter-Lab	29.9266, -7.6973, -0.4186

Details

The HunterLab color $29.9266, -7.6973, -0.4186$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $24.8215, 6.0313, 3.8134$, and the grayscale version is $28.8667, -1.5403, 1.5684$.

A 20% lighter version of the original color is $48.8263, -9.7600, 0.2549$, and $14.3110, -5.2490, -1.1457$ is the 20% darker color. If you saturate the color by 10%, you get $29.4642, -9.4168, -1.0275$, and if you desaturate by 10%, it is $30.4614, -5.7490, 0.2733$.

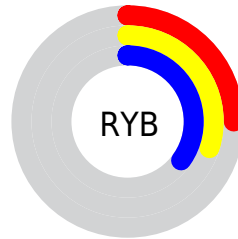
Distribution



Red (25%)

Green (35%)

Blue (35%)



Red (25%)

Yellow (30%)

Blue (35%)

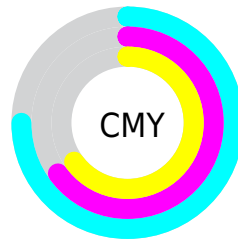


Cyan (28%)

Magenta (0%)

Yellow (0%)

Black (65%)



Cyan (75%)

Magenta (65%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9266, -7.6973, -0.4186 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 29.9266, -7.6973, -0.4186 by changing the saturation by 10% instead.

■ 29.9266, -7.6973,
-0.4186

■ 29.9266, -7.6973,
-0.4186

■ 135.2968,
-17.5848, 4.0515

■ 21.7088, -6.5846,
-0.6726

■ 48.7987, -9.8702,
0.2693

■ 14.4212, -5.4262,
-0.8542

■ 59.3253, -10.9500,
0.6893

■ 8.0820, -5.4687,
-1.1270

■ 70.5160, -12.0330,
1.1541

0.0000, NaN, NaN

■ 82.3333, -13.1227,
1.6604

0.0000, NaN, NaN

■ 94.7456, -14.2212,
2.2054

0.0000, NaN, NaN

■ 107.7257,

0.0000, NaN, NaN

-15.3304, 2.7868

0.0000, NaN, NaN

121.2498,
-16.4513, 3.4028

■ 29.9266, -7.6973,
-0.4186

■ 29.9266, -7.6973,
-0.4186

■ 29.4642, -9.4168,
-1.0275

■ 30.4614, -5.7490,
0.2733

■ 29.0721, -10.8962,
-1.5514

■ 31.0666, -3.5845,
1.0423

■ 28.7493, -12.1302,
-1.9881

■ 31.7418, -1.2203,
1.8832

■ 28.4936, -13.1187,
-2.3376

■ 32.4855, 1.3258,
2.7901

■ 28.3017, -13.8674,
-2.6022

■ 33.2958, 4.0352,
3.7565

■ 28.1687, -14.3895,
-2.7866

■ 34.1705, 6.8895,
4.7761

■ 28.0665, -14.7927,
-2.9289

■ 35.1071, 9.8707,
5.8427

■ 28.0469, -14.8700,
-2.9561

■ 36.1028, 12.9620,
6.9505

■ 37.1551, 16.1479,
8.0941

Harmonies

Analogous

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



29.9272, -7.8700, 2.9114



29.9266, -7.6973, -0.4186



29.9272, -5.9375, -3.5084

Triad

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



29.9272, -7.6977, -0.4181



29.9272, 3.5484, -2.9415



29.9272, -0.2068, 7.2133

Complementary

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



29.9266, -7.6973, -0.4186



24.8215, 6.0313, 3.8134

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.



29.9272, 3.0028, 5.9914



29.9266, -7.6973, -0.4186



29.9272, 5.2362, 0.2872

Square

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



29.9272, -7.6977, -0.4181



29.9272, 0.5103, -5.0760



29.9272, 5.0321, 3.5411



29.9272, -3.6504, 7.0705

Rectangle

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



29.9266, -7.6973, -0.4186



29.9272, -4.0532, -4.9010



29.9272, 5.0321, 3.5411



29.9272, 0.9380, 6.9549

Sweetspot

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



29.9272, -7.6977, -0.4181



40.5887, -4.7328, 1.3451



29.3586, -11.0088, 8.1019



20.3845, -2.5437, 0.6196



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.



29.9272, -7.6977, -0.4181



38.6810, -11.6615, -1.1141



26.6602, -2.6945, -4.6388



15.3686, -1.8491, 0.4902



34.0585, -18.0572, -3.5897



80.7231, -42.7983, -8.5077

Inverse Universe

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



24.8215, 6.0313, 3.8134



30.4606, 10.5622, 5.7390



27.7033, 0.7186, 6.7019



14.5595, 0.3094, 1.1550



17.6975, 30.3076, 11.4352



41.9454, 71.8329, 27.1036

Previews

White Background



This preview shows how the HunterLab color 29.9266, -7.6973, -0.4186 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 29.9266, -7.6973, -0.4186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

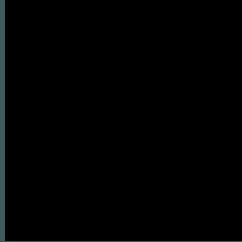
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

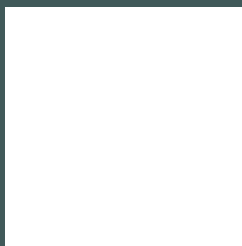
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 29.9266, -7.6973, -0.4186 Background



This preview shows how black text looks on a background with the HunterLab color 29.9266, -7.6973, -0.4186.



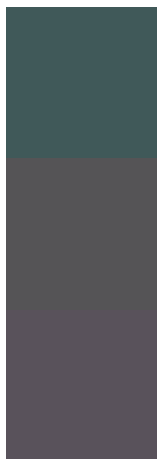
This preview shows how white text looks on a background with the HunterLab color 29.9266, -7.6973,

-0.4186.

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

29.9266, -7.6973, -0.4186

Protanopia

29.9062, -1.0273, 0.9557

Deuteranopia

29.8559, 1.7127, -1.2281



Tritanopia

29.8822, -6.0878, -3.1743

Trichromacy



Original Color

29.9266, -7.6973, -0.4186

Protanomaly

29.8688, -3.8121, 0.4398

Deuteranomaly

29.9009, -2.1677, -0.7933

Tritanomaly

29.8221, -6.4267, -2.3251

Monochromacy



Original Color

29.9266, -7.6973, -0.4186

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

29.4087, -4.1838, 0.7215

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9266, -7.6973, -0.4186 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(64, 89, 89)` looks like.

```
.text, #text, p{  
    color:rgb(64, 89, 89)  
}
```

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(64, 89, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 89, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9266, -7.6973, -0.4186 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(64, 89, 89) }
```


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

```
.border{ border-color:rgb(64, 89, 89) }
```

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

Here you see how a box with a 4 pixel rgb(64, 89, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 89, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 89, 89);  
box-shadow:4px 4px 4px 4px rgb(64, 89, 89)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.9266, -7.6973, -0.4186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 89, 89) }
```

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

```
.background{ background-color: rgb(64, 89,  
89) }
```

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