

Converting Colors

HunterLab(29.0595, -6.9063,
-7.8620)

Have a look what the booklet for
HunterLab(29.0595, -6.9063,
-7.8620) contains.

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Color

**HunterLab(29.1196, -6.9975,
-7.7735)**

Conversions

Conversions Part 1

Format	Color
Hex	335766
RGB	51, 87, 102
RGB Percent	20%, 34%, 40%
CMY	0.8000, 0.6588, 0.6000
CMYK	0.50, 0.15, 0.00, 0.60
HSL	198°, 33%, 30%
HSV	198°, 50%, 40%
XYZ	7.1717, 8.4795, 13.8291
YIQ	77.9460, -26.2710, -2.9670

Conversions

Conversions Part 2

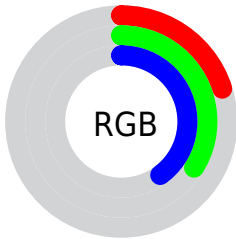
Format	Color
RYB	51, 72, 102
Decimal	3364710
CIELab	34.96, -8.38, -12.67
CIELCh	35, 15.188, 236.506
Yxy	8.4798, 0.2433, 0.2876
Android (android.graphics.Color)	4281554790 (0xFF335766)
YUV	77.9460, 11.8586, -23.6316
Hunter-Lab	29.1196, -6.9975, -7.7735




Details

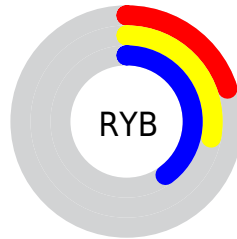
The HunterLab color $29.1196, -6.9975, -7.7735$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $26.3826, 8.1290, 9.3601$, and the grayscale version is $27.5483, -1.4699, 1.4968$.



A 20% lighter version of the original color is $47.9144, -9.1105, -7.9268$, and $13.8988, -4.8332, -6.9388$ is the 20% darker color. If you saturate the color by 10%, you get $27.8704, -7.3009, -9.6961$, and if you desaturate by 10%, it is $30.4474, -6.4320, -5.8296$.

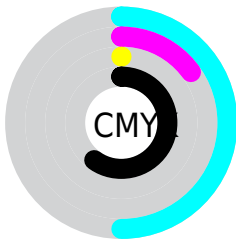
Distribution







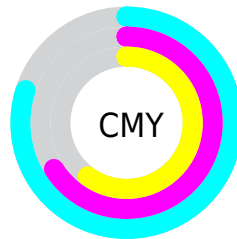
-  Red (20%)
-  Green (34%)
-  Blue (40%)






-  Red (20%)
-  Yellow (28%)
-  Blue (40%)



-  Cyan (50%)
-  Magenta (15%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (80%)
-  Magenta (66%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.1196, -6.9975, -7.7735 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 29.1196, -6.9975, -7.7735 by changing the saturation by 10% instead.

■ 29.1196, -6.9975,
-7.7735

■ 29.1196, -6.9975,
-7.7735

■ 133.9584,
-16.4313, -6.9461

■ 20.9845, -5.9542,
-7.5318

■ 47.8475, -9.0478,
-8.0163

■ 13.7903, -4.8736,
-7.2087

■ 58.3098, -10.0727,
-8.0310

■ 7.4123, -5.3233,
-7.4705

■ 69.4399, -11.1040,
-7.9824

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 81.1999, -12.1447,
-7.8758

0.0000, NaN, NaN

■ 93.5577, -13.1965,
-7.7153

0.0000, NaN, NaN

■ 106.4856,

0.0000, NaN, NaN

-14.2610, -7.5049

0.0000, NaN, NaN

119.9597,
-15.3390, -7.2475

■ 29.1196, -6.9975,
-7.7735

■ 29.1196, -6.9975,
-7.7735

■ 27.8704, -7.3009,
-9.6961

■ 30.4474, -6.4320,
-5.8296

■ 26.7013, -7.3254,
-11.5877

■ 31.8483, -5.6233,
-3.8755

■ 25.6151, -7.0600,
-13.4361

■ 33.3187, -4.5923,
-1.9186

■ 24.6121, -6.5025,
-15.2300

■ 34.8545, -3.3596,
0.0350

■ 23.6523, -5.8021,
-17.0381

■ 36.4516, -1.9447,
1.9808

■ 23.6521, -5.8019,
-17.0384

■ 38.1061, -0.3660,
3.9157

■ 39.8142, 1.3597,
5.8375

■ 41.5724, 3.2173,
7.7452

■ 43.3776, 5.1933,
9.6382

Harmonies

Analogous

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



29.1202, -10.1704, -3.1099



29.1196, -6.9975, -7.7735



29.1202, -2.1773, -9.9209

Triad

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



29.1202, -6.9976, -7.7730



29.1202, 9.3958, 0.9847



29.1202, -5.9893, 9.0291

Complementary

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



29.1196, -6.9975, -7.7735



26.3826, 8.1290, 9.3601

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.



29.1202, -0.9282, 9.7333



29.1196, -6.9975, -7.7735



29.1202, 8.1946, 5.6088

Square

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



29.1202, -6.9976, -7.7730



29.1202, 7.4932, -4.3242



29.1202, 4.3185, 8.5993



29.1202, -9.6183, 6.4680

Rectangle

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



29.1196, -6.9975, -7.7735



29.1202, 1.4139, -9.3965



29.1202, 4.3185, 8.5993



29.1202, -4.4101, 9.4685

Sweetspot

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



29.1202, -6.9976, -7.7730



45.0424, -5.3675, -1.3581



32.5479, -18.1081, 10.5033



21.7328, -2.7215, -0.8444



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



29.1202, -6.9976, -7.7730



36.6341, -9.7010, -13.2757



22.6143, 3.7516, -18.9567



17.4821, -1.6051, 0.1223



26.6779, -6.3890, -19.5529



59.6260, -12.6557, -47.2073

Inverse Universe

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



24.2504, 19.2729, -6.7658



29.3468, 31.7041, -10.7062



32.4617, -2.8427, 14.2321



16.9587, 0.8813, 0.1120



20.5475, 38.0795, -9.1352



46.7567, 86.3607, -18.5341

Previews

White Background



This preview shows how the HunterLab color 29.1196, -6.9975, -7.7735 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 29.1196, -6.9975, -7.7735 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

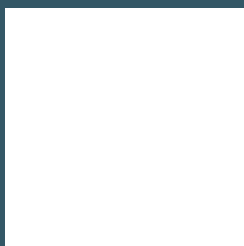
Any Text WCAG AAA × Fail

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

HunterLab 29.1196, -6.9975, -7.7735 Background



This preview shows how black text looks on a background with the HunterLab color 29.1196, -6.9975, -7.7735.



This preview shows how white text looks on a background with the HunterLab color 29.1196, -6.9975, -7.7735.

-7.7735.

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

29.1196, -6.9975, -7.7735

Protanopia

28.9593, 0.4127, -5.8060

Deuteranopia

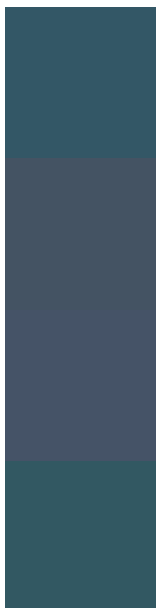
28.9463, 2.0148, -8.4116



Tritanopia

29.0837, -9.0274, -4.3076

Trichromacy



Original Color

29.1196, -6.9975, -7.7735

Protanomaly

28.8380, -2.6242, -6.5455

Deuteranomaly

29.0362, -1.6598, -8.3391

Tritanomaly

29.2222, -8.3210, -5.5839

Monochromacy



Original Color

29.1196, -6.9975, -7.7735

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

27.9319, -3.8491, -1.9955

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.1196, -6.9975, -7.7735 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(51, 87, 102)` looks like.

```
.text, #text, p{  
    color:rgb(51, 87, 102)  
}
```

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(51, 87, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 87, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 29.1196, -6.9975, -7.7735 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(51, 87, 102) }
```


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

```
.border{ border-color:rgb(51, 87, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 87, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 87, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 87, 102);  
box-shadow:4px 4px 4px 4px rgb(51, 87,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.1196, -6.9975, -7.7735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 87, 102) }
```

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

```
.background{ background-color: rgb(51, 87,  
102) }
```

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](#).

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