

Converting Colors

HunterLab(24.2667, -33.8519,
-19.7644)

Have a look what the booklet for
HunterLab(24.2667, -33.8519,
-19.7644) contains.

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Color

**HunterLab(29.2296,
-12.0992, -10.4158)**

Conversions

Conversions Part 1

Format	Color
Hex	005B6B
RGB	0, 91, 107
RGB Percent	0%, 36%, 42%
CMY	1.0000, 0.6431, 0.5804
CMYK	1.00, 0.15, 0.00, 0.58
HSL	189°, 100%, 21%
HSV	189°, 100%, 42%
XYZ	6.3949, 8.5437, 15.2219
YIQ	65.6150, -59.3720, -14.3160

Conversions

Conversions Part 2

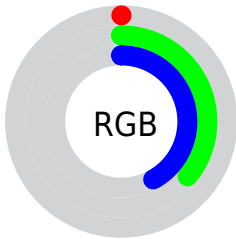
Format	Color
RYB	0, 49, 107
Decimal	23403
CIELab	35.09, -16.86, -15.71
CIELCh	35, 23.044, 222.991
Yxy	8.5440, 0.2120, 0.2833
Android (android.graphics.Color)	4278213483 (0xFF005B6B)
YUV	65.6150, 20.4028, -57.5444
Hunter-Lab	29.2296, -12.0992, -10.4158

Details

The HunterLab color **29.2296, -12.0992, -10.4158** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **18.6996, 26.9264, 11.9930**, and the grayscale version is **23.1535, -1.2354, 1.2580**.

A 20% lighter version of the original color is **47.8499, -15.2135, -10.8631**, and **14.8426, -4.8805, -8.0163** is the 20% darker color. If you saturate the color by 10%, you get **29.2295, -12.0989, -10.4163**, and if you desaturate by 10%, it is **29.8155, -12.2598, -9.5035**.

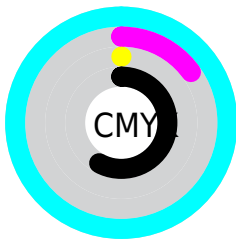
Distribution



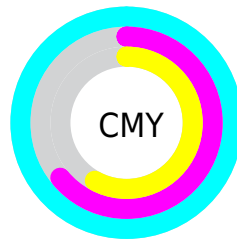
- Red (0%)
- Green (36%)
- Blue (42%)



- Red (0%)
- Yellow (19%)
- Blue (42%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.2296, -12.0992, -10.4158 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 29.2296, -12.0992, -10.4158 by changing the saturation by 10% instead.

■ 29.2296, -12.0992,
-10.4158

■ 29.2296, -12.0992,
-10.4158

■ 134.1412,
-25.5682, -10.5864

■ 21.0831, -10.3972,
-10.0654

■ 47.9773, -15.2696,
-10.8924

■ 13.8761, -8.5538,
-9.6567

■ 58.4484, -16.7871,
-11.0237

■ 7.5074, -10.1844,
-9.9257

■ 69.5868, -18.2782,
-11.0897

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 81.3546, -19.7514,
-11.0950

0.0000, NaN, NaN

■ 93.7199, -21.2128,
-11.0438

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.6550,

-22.6673, -10.9399

0.0000, NaN, NaN

120.1359,
-24.1182, -10.7865

29.2296, -12.0992,
-10.4158

29.2296, -12.0992,
-10.4158

29.2295, -12.0989,
-10.4163

29.8155, -12.2598,
-9.5035

30.4414, -12.2700,
-8.5493

31.1448, -11.9899,
-7.4991

31.9294, -11.4092,
-6.3547

32.7969, -10.5280,
-5.1215

■ 33.7474, -9.3538,
-3.8071

■ 34.7797, -7.9001,
-2.4201

■ 35.8920, -6.1840,
-0.9698

■ 37.0817, -4.2250,
0.5348

Harmonies

Analogous

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



29.2301, -15.2364, -1.9375



29.2296, -12.0992, -10.4158



29.2301, -5.9772, -16.4082

Triad

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



29.2301, -12.0991, -10.4153



29.2301, 14.8648, -3.0810



29.2301, -4.9790, 12.6554

Complementary

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



29.2296, -12.0992, -10.4158



18.6996, 26.9264, 11.9930

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.



29.2301, 3.1336, 12.5052



29.2296, -12.0992, -10.4158



29.2301, 15.2073, 4.7281

Square

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



29.2301, -12.0991, -10.4153



29.2301, 9.8295, -11.4462



29.2301, 10.7198, 9.9949



29.2301, -11.4371, 10.4829

Rectangle

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



29.2296, -12.0992, -10.4158



29.2301, -0.7446, -17.3978



29.2301, 10.7198, 9.9949



29.2301, -2.3690, 12.8529

Sweetspot

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



29.2301, -12.0991, -10.4153



46.4175, -10.7525, -3.4011



32.4777, -27.4923, 18.7548



22.6156, -5.6095, -1.9678



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



29.2301, -12.0991, -10.4153



38.9365, -15.9597, -14.2148



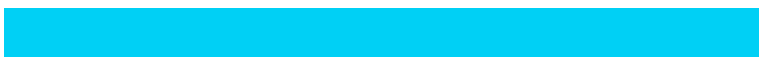
15.9012, 10.1987, -41.8888



18.4896, -1.9932, 0.3438



32.1863, -13.2757, -11.5716



71.9625, -29.0633, -27.2077

Inverse Universe

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



19.7013, 37.5699, -16.9893



26.3358, 50.1835, -22.3815



26.8932, 6.8112, 16.6900



17.7666, 1.0495, -0.1734



21.7213, 41.4128, -18.6331



48.9286, 93.1184, -40.6824

Previews

White Background



This preview shows how the HunterLab color 29.2296, -12.0992, -10.4158 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 29.2296, -12.0992, -10.4158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

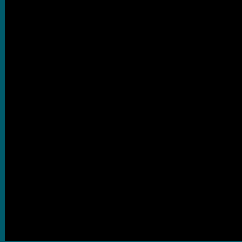
Any Text WCAG AA × Fail

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 29.2296, -12.0992, -10.4158 Background



This preview shows how black text looks on a background with the HunterLab color 29.2296, -12.0992, -10.4158.



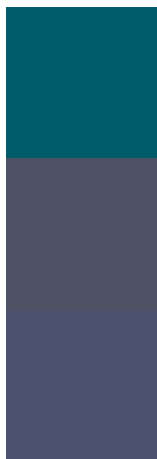
This preview shows how white text looks on a background with the HunterLab color 29.2296,

-12.0992, -10.4158.

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

29.2296, -12.0992, -10.4158

Protanopia

29.3153, 0.5040, -6.8280

Deuteranopia

29.1984, 1.9863, -11.3518

Trichromacy



Original Color

29.2296, -12.0992, -10.4158

Protanomaly

28.5559, -6.1410, -9.1543

Deuteranomaly

28.6498, -5.4388, -11.8018

Monochromacy



Original Color

29.2296, -12.0992, -10.4158

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

24.7356, -7.5222, -3.5490

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.2296, -12.0992, -10.4158 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(0, 91, 107)` looks like.

```
.text, #text, p{  
    color:rgb(0, 91, 107)  
}
```

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(0, 91, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 91, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 29.2296, -12.0992, -10.4158 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(0, 91, 107) }
```

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

```
.border{ border-color:rgb(0, 91, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 91, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 91, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 91, 107);  
box-shadow:4px 4px 4px 4px rgb(0, 91, 107)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 29.2296, -12.0992, -10.4158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 91, 107) }
```

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

```
.background{ background-color: rgb(0, 91,  
107) }
```

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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