

Converting Colors

HunterLab(29.6283, -12.8110,
-10.5734)

Have a look what the booklet for
HunterLab(29.6283, -12.8110,
-10.5734) contains.

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Color

**HunterLab(29.8520,
-12.6500, -10.0048)**

Conversions

Conversions Part 1

Format	Color
Hex	005D6C
RGB	0, 93, 108
RGB Percent	0%, 36%, 42%
CMY	1.0000, 0.6353, 0.5765
CMYK	1.00, 0.14, 0.00, 0.58
HSL	188°, 100%, 21%
HSV	188°, 100%, 42%
XYZ	6.6211, 8.9114, 15.5585
YIQ	66.9030, -60.2430, -15.0510

Conversions

Conversions Part 2

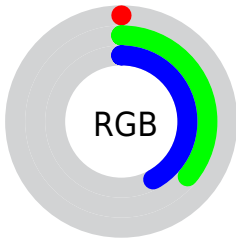
Format	Color
RYB	0, 50, 108
Decimal	23916
CIELab	35.81, -17.60, -15.23
CIELCh	36, 23.273, 220.863
Yxy	8.9117, 0.2130, 0.2866
Android (android.graphics.Color)	4278213996 (0xFF005D6C)
YUV	66.9030, 20.2608, -58.6739
Hunter-Lab	29.8520, -12.6500, -10.0048

Details

The HunterLab color **29.8520, -12.6500, -10.0048** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **18.7887, 27.4992, 12.0580**, and the grayscale version is **23.6052, -1.2595, 1.2825**.

A 20% lighter version of the original color is **48.8530, -16.1473, -9.9881**, and **15.3946, -5.3877, -7.6114** is the 20% darker color. If you saturate the color by 10%, you get **29.8520, -12.6498, -10.0052**, and if you desaturate by 10%, it is **30.4097, -12.7750, -9.1470**.

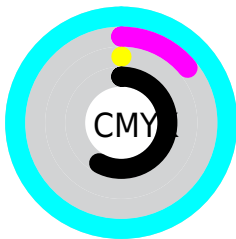
Distribution



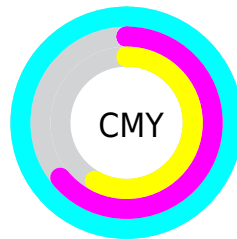
- Red (0%)
- Green (36%)
- Blue (42%)



- Red (0%)
- Yellow (20%)
- Blue (42%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (58%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.8520, -12.6500, -10.0048 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 29.8520, -12.6500, -10.0048 by changing the saturation by 10% instead.

■ 29.8520, -12.6500,
-10.0048

■ 29.8520, -12.6500,
-10.0048

■ 135.1732,
-26.4649, -9.9812

■ 21.6418, -10.8966,
-9.6757

■ 48.7108, -15.9125,
-10.4349

■ 14.3627, -8.9972,
-9.2816

■ 59.2315, -17.4718,
-10.5433

■ 8.0226, -9.9883,
-9.2208

■ 70.4166, -19.0024,
-10.5869

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 82.2286, -20.5131,
-10.5704

0.0000, NaN, NaN

■ 94.6359, -22.0104,
-10.4982

0.0000, NaN, NaN

■ 107.6113,

0.0000, NaN, NaN

-23.4992, -10.3738

0.0000, NaN, NaN

121.1307,
-24.9831, -10.2005

29.8520, -12.6500,
-10.0048

29.8520, -12.6500,
-10.0048

29.8520, -12.6498,
-10.0052

30.4097, -12.7750,
-9.1470

31.0079, -12.7464,
-8.2441

31.6841, -12.4250,
-7.2429

32.4421, -11.7997,
-6.1446

33.2839, -10.8697,
-4.9538

■ 34.2099, -9.6419,
-3.6775

■ 35.2193, -8.1293,
-2.3244

■ 36.3102, -6.3488,
-0.9035

■ 37.4801, -4.3201,
0.5761

Harmonies

Analogous

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



29.8525, -15.6070, -1.3553



29.8520, -12.6500, -10.0048



29.8525, -6.6097, -16.3939

Triad

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



29.8525, -12.6499, -10.0043



29.8525, 14.8848, -3.7464



29.8525, -4.5202, 12.9551

Complementary

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



29.8520, -12.6500, -10.0048



18.7887, 27.4992, 12.0580

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.



29.8525, 3.7754, 12.6396



29.8520, -12.6500, -10.0048



29.8525, 15.6007, 4.3265

Square

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



29.8525, -12.6499, -10.0043



29.8525, 9.4869, -12.1575



29.8525, 11.3483, 9.8950



29.8525, -11.2633, 10.9190

Rectangle

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



29.8520, -12.6500, -10.0048



29.8525, -1.3556, -17.6987



29.8525, 11.3483, 9.8950



29.8525, -1.8326, 13.1027

Sweetspot

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



29.8525, -12.6499, -10.0043



46.5509, -10.9501, -3.2311



32.7996, -27.7679, 18.9473



22.6883, -5.7159, -1.8743



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.



29.8525, -12.6499, -10.0043



39.3951, -16.5558, -13.5011



16.0437, 10.3361, -42.3635



18.5036, -2.0156, 0.3604



32.5580, -13.7580, -10.9951



72.8483, -30.2198, -25.8182

Inverse Universe

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



19.9468, 38.1187, -17.8245



26.4046, 50.4253, -23.2991



27.1506, 6.8976, 16.8501



17.7680, 1.0574, -0.1943



21.7772, 41.6092, -19.3780



49.0607, 93.5835, -42.4482

Previews

White Background



This preview shows how the HunterLab color 29.8520, -12.6500, -10.0048 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 29.8520, -12.6500, -10.0048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

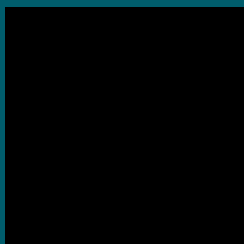
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

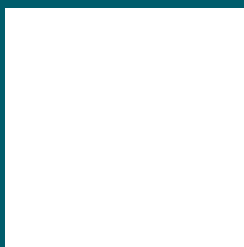
Any Text WCAG AAA × Fail

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

HunterLab 29.8520, -12.6500, -10.0048 Background



This preview shows how black text looks on a background with the HunterLab color 29.8520, -12.6500, -10.0048.



This preview shows how white text looks on a background with the HunterLab color 29.8520,

-12.6500, -10.0048.

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

29.8520, -12.6500, -10.0048

Protanopia

29.9762, 0.1074, -5.8787

Deuteranopia

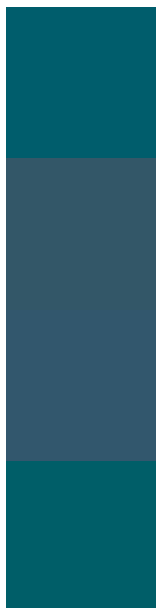
29.8865, 1.7485, -10.8188



Tritanopia

29.9082, -14.4309, -6.2305

Trichromacy



Original Color

29.8520, -12.6500, -10.0048

Protanomaly

29.1885, -6.6077, -8.7330

Deuteranomaly

29.3234, -5.7593, -11.2852

Tritanomaly

30.0081, -13.8414, -7.6279

Monochromacy



Original Color

29.8520, -12.6500, -10.0048

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

25.0832, -7.5761, -3.5453

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.8520, -12.6500, -10.0048 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, 93, 108)` looks like.

```
.text, #text, p{  
    color:rgb(0, 93, 108)  
}
```

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, 93, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 93, 108) }
```

Border

The CSS property to change the border of an element to HunterLab 29.8520, -12.6500, -10.0048 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, 93, 108) }
```


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

```
.border{ border-color:rgb(0, 93, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 93, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 93, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 93, 108);  
box-shadow:4px 4px 4px 4px rgb(0, 93, 108)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.8520, -12.6500, -10.0048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 93, 108) }
```

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

```
.background{ background-color: rgb(0, 93,  
108) }
```

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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