

Converting Colors

HunterLab(29.0608, -13.1349,
-7.9689)

Have a look what the booklet for
HunterLab(29.0608, -13.1349,
-7.9689) contains.

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Color

**HunterLab(29.0542,
-13.1266, -7.9787)**

Conversions

Conversions Part 1

Format	Color
Hex	005B66
RGB	0, 91, 102
RGB Percent	0%, 36%, 40%
CMY	1.0000, 0.6431, 0.6000
CMYK	1.00, 0.11, 0.00, 0.60
HSL	186°, 100%, 20%
HSV	186°, 100%, 40%
XYZ	6.1393, 8.4415, 13.8762
YIQ	65.0450, -57.7670, -15.8710

Conversions

Conversions Part 2

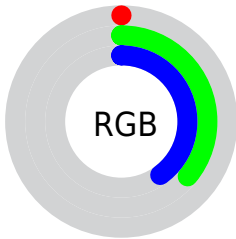
Format	Color
RYB	0, 48, 102
Decimal	23398
CIELab	34.89, -18.72, -12.91
CIELCh	35, 22.741, 214.596
Yxy	8.4418, 0.2157, 0.2966
Android (android.graphics.Color)	4278213478 (0xFF005B66)
YUV	65.0450, 18.2188, -57.0445
Hunter-Lab	29.0542, -13.1266, -7.9787

Details

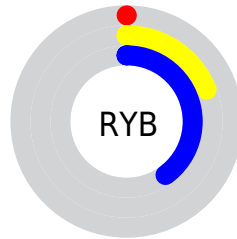
The HunterLab color **29.0542, -13.1266, -7.9787** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **17.5054, 26.4617, 11.2491**, and the grayscale version is **22.9613, -1.2252, 1.2475**.

A 20% lighter version of the original color is **47.6332, -16.3805, -8.4475**, and **14.6718, -5.8693, -5.6683** is the 20% darker color. If you saturate the color by 10%, you get **29.0543, -13.1266, -7.9789**, and if you desaturate by 10%, it is **29.4908, -13.1011, -7.3298**.

Distribution



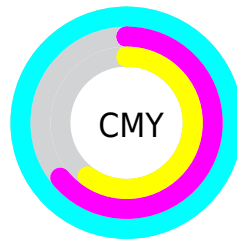
- Red (0%)
- Green (36%)
- Blue (40%)



- Red (0%)
- Yellow (19%)
- Blue (40%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.0542, -13.1266, -7.9787 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 29.0542, -13.1266, -7.9787 by changing the saturation by 10% instead.

■ 29.0542, -13.1266,
-7.9787

■ 29.0542, -13.1266,
-7.9787

■ 133.8496,
-27.5091, -7.2390

■ 20.9258, -11.2718,
-7.7267

■ 47.7703, -16.5539,
-8.2428

■ 13.7393, -9.2490,
-7.3947

■ 58.2273, -18.1834,
-8.2678

■ 7.3550, -11.4834,
-7.6987

■ 69.3525, -19.7785,
-8.2293

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 81.1078, -21.3492,
-8.1324

0.0000, NaN, NaN

■ 93.4611, -22.9028,
-7.9814

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.3848,

-24.4447, -7.7801

0.0000, NaN, NaN

119.8547,
-25.9791, -7.5317

29.0542, -13.1266,
-7.9787

29.0542, -13.1266,
-7.9787

29.0543, -13.1266,
-7.9789

29.4908, -13.1011,
-7.3298

29.9608, -12.9475,
-6.6411

30.5020, -12.5237,
-5.8587

31.1188, -11.8177,
-4.9821

31.8134, -10.8270,
-4.0137

■ 32.5869, -9.5565,
-2.9587

■ 33.4391, -8.0168,
-1.8239

■ 34.3687, -6.2226,
-0.6168

■ 35.3739, -4.1915,
0.6545

Harmonies

Analogous

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



29.0547, -15.3098, 0.3884



29.0542, -13.1266, -7.9787



29.0547, -7.8412, -14.9188

Triad

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



29.0547, -13.1265, -7.9782



29.0547, 13.6355, -5.3971



29.0547, -2.7702, 12.6871

Complementary

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



29.0542, -13.1266, -7.9787



17.5054, 26.4617, 11.2491

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.



29.0547, 5.3226, 11.9124



29.0542, -13.1266, -7.9787



29.0547, 15.3650, 2.7261

Square

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



29.0547, -13.1265, -7.9782



29.0547, 7.6761, -13.1686



29.0547, 12.1772, 8.7038



29.0547, -9.7549, 11.2082

Rectangle

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



29.0542, -13.1266, -7.9787



29.0547, -2.9818, -17.0081



29.0547, 12.1772, 8.7038



29.0547, -0.0937, 12.6773

Sweetspot

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



29.0547, -13.1265, -7.9782



44.1809, -10.8078, -2.5501



30.8631, -26.2058, 17.9957



21.2938, -5.5537, -1.4570



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.



29.0547, -13.1265, -7.9782



38.3536, -17.2280, -10.7483



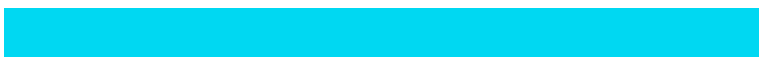
15.9119, 7.8799, -36.8968



17.7127, -1.9772, 0.3962



32.8764, -14.8128, -9.1160



74.5662, -33.1756, -21.5847

Inverse Universe

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



18.9219, 36.3933, -18.7172



25.0383, 48.1313, -24.5361



24.8680, 7.8696, 15.4606



16.9829, 1.0109, -0.2311



21.4352, 41.2184, -21.1100



48.8731, 93.8539, -47.1563

Previews

White Background



This preview shows how the HunterLab color 29.0542, -13.1266, -7.9787 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 29.0542, -13.1266, -7.9787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

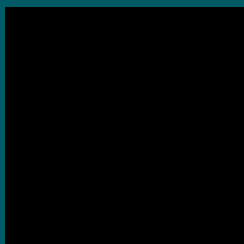
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

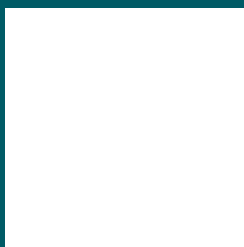
Any Text WCAG AAA × Fail

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

HunterLab 29.0542, -13.1266, -7.9787 Background



This preview shows how black text looks on a background with the HunterLab color 29.0542, -13.1266, -7.9787.



This preview shows how white text looks on a background with the HunterLab color 29.0542, -13.1266, -7.9787.

-13.1266, -7.9787.

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

29.0542, -13.1266, -7.9787

Protanopia

29.0428, 0.5688, -4.6855

Deuteranopia

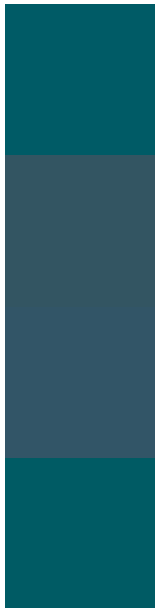
29.2346, 1.7496, -8.5163



Tritanopia

28.9535, -13.7200, -6.5719

Trichromacy



Original Color

29.0542, -13.1266, -7.9787

Protanomaly

28.4300, -6.9430, -6.7013

Deuteranomaly

28.5559, -6.1410, -9.1543

Tritanomaly

28.9867, -13.5241, -7.0361

Monochromacy



Original Color

29.0542, -13.1266, -7.9787

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

24.3291, -7.8109, -2.7105

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.0542, -13.1266, -7.9787 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, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 91, 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(0, 91, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 91, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 29.0542, -13.1266, -7.9787 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, 102) }
```


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

```
.border{ border-color:rgb(0, 91, 102) }
```

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, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 91, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 91, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 91, 102)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.0542, -13.1266, -7.9787 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, 102) }
```

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

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