

Converting Colors

HunterLab(26.2093, -12.5927,
-5.5753)

Have a look what the booklet for
HunterLab(26.2093, -12.5927,
-5.5753) contains.

HunterLab(26.2827, -12.7403, -5.3484)	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(26.2827,
-12.7403, -5.3484)**

Conversions

Conversions Part 1

Format	Color
Hex	005359
RGB	0, 83, 89
RGB Percent	0%, 33%, 35%
CMY	1.0000, 0.6745, 0.6510
CMYK	1.00, 0.07, 0.00, 0.65
HSL	184°, 100%, 17%
HSV	184°, 100%, 35%
XYZ	4.8964, 6.9078, 10.5265
YIQ	58.8670, -51.3940, -15.7300

Conversions

Conversions Part 2

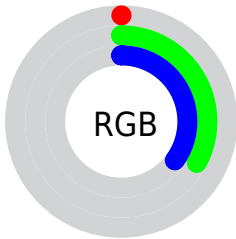
Format	Color
R_{YB}	0, 43, 89
Decimal	21337
CIE _{Lab}	31.60, -19.11, -9.73
CIE _{LCh}	32, 21.445, 206.981
Yxy	6.9081, 0.2193, 0.3093
Android (android.graphics.Color)	4278211417 (0xFF005359)
YUV	58.8670, 14.8556, -51.6264
Hunter-Lab	26.2827, -12.7403, -5.3484

Details

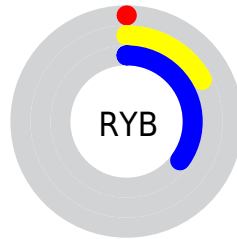
The HunterLab color **26.2827, -12.7403, -5.3484** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **15.0144, 23.4805, 9.6620**, and the grayscale version is **20.8316, -1.1115, 1.1318**.

A 20% lighter version of the original color is **44.5336, -16.3579, -5.3647**, and **12.5223, -5.5535, -3.6634** is the 20% darker color. If you saturate the color by 10%, you get **26.2829, -12.7405, -5.3484**, and if you desaturate by 10%, it is **26.5663, -12.5319, -4.9426**.

Distribution



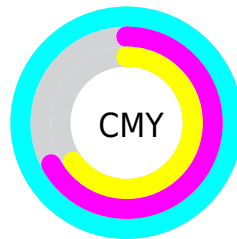
- Red (0%)
- Green (33%)
- Blue (35%)



- Red (0%)
- Yellow (17%)
- Blue (35%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (67%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.2827, -12.7403, -5.3484 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 26.2827, -12.7403, -5.3484 by changing the saturation by 10% instead.

■ 26.2827, -12.7403,
-5.3484

■ 26.2827, -12.7403,
-5.3484

■ 129.1888,
-27.4120, -3.6554

■ 18.4517, -10.8059,
-5.2045

■ 44.4837, -16.2734,
-5.3876

■ 11.6037, -8.7122,
-4.9673

■ 54.7114, -17.9412,
-5.3014

■ 4.2043, -7.3575,
-9.3635

■ 65.6212, -19.5687,
-5.1538

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 77.1730, -21.1674,
-4.9503

0.0000, NaN, NaN

■ 89.3329, -22.7457,
-4.6952

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 102.0718,

-24.3096, -4.3924

0.0000, NaN, NaN

115.3645,
-25.8638, -4.0449

26.2827, -12.7403,
-5.3484

26.2827, -12.7403,
-5.3484

26.2829, -12.7405,
-5.3484

26.5663, -12.5319,
-4.9426

26.8700, -12.2456,
-4.5121

27.2325, -11.7347,
-4.0022

27.6581, -10.9868,
-3.4102

28.1494, -9.9983,
-2.7366

■ 28.7077, -8.7717,
-1.9840

■ 29.3334, -7.3145,
-1.1565

■ 30.0261, -5.6379,
-0.2596

■ 30.7847, -3.7560,
0.7008

Harmonies

Analogous

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



26.2832, -13.9607, 2.1217



26.2827, -12.7403, -5.3484



26.2832, -8.5977, -12.3450

Triad

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



26.2832, -12.7403, -5.3480



26.2832, 11.3785, -6.8989



26.2832, -0.6633, 11.5491

Complementary

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



26.2827, -12.7403, -5.3484



15.0144, 23.4805, 9.6620

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.



26.2832, 6.6581, 10.3187



26.2827, -12.7403, -5.3484



26.2832, 14.0682, 0.7204

Square

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



26.2832, -12.7403, -5.3480



26.2832, 5.2458, -13.3981



26.2832, 12.2542, 6.7784



26.2832, -7.4518, 10.7384

Rectangle

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



26.2827, -12.7403, -5.3484



26.2832, -4.4803, -15.1088



26.2832, 12.2542, 6.7784



26.2832, 1.8210, 11.3709

Sweetspot

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



26.2832, -12.7403, -5.3480



38.2557, -9.7541, -1.6188



26.7544, -22.7677, 15.7093



19.1420, -5.1779, -0.9644



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.



26.2832, -12.7403, -5.3480



34.2789, -16.5628, -7.0913



14.6437, 5.0281, -29.1556



15.2990, -1.7378, 0.4084



31.8668, -15.4100, -6.5651



75.1836, -36.0981, -16.0475

Inverse Universe

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



16.5789, 32.1563, -18.4886



21.6558, 41.9893, -24.0144



21.0777, 7.8231, 13.1243



14.6562, 0.8304, -0.2225



20.1241, 39.0235, -22.3482



47.6417, 92.2990, -52.2462

Previews

White Background



This preview shows how the HunterLab color 26.2827, -12.7403, -5.3484 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 26.2827, -12.7403, -5.3484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

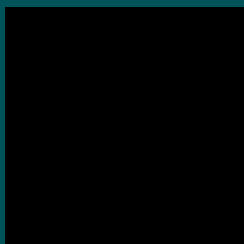
Any Text WCAG AA × Fail

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 26.2827, -12.7403, -5.3484 Background



This preview shows how black text looks on a background with the HunterLab color 26.2827, -12.7403, -5.3484.



This preview shows how white text looks on a background with the HunterLab color 26.2827, -12.7403, -5.3484.

-12.7403, -5.3484.

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

26.2827, -12.7403, -5.3484

Protanopia

26.3411, -0.3032, -2.1941

Deuteranopia

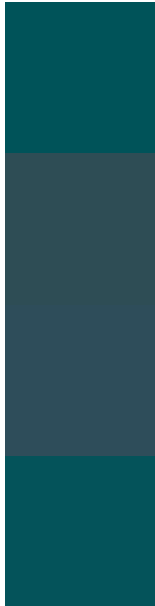
26.3380, 1.4751, -6.0254



Tritanopia

26.3883, -12.2642, -5.6876

Trichromacy



Original Color

26.2827, -12.7403, -5.3484

Protanomaly

25.5822, -6.9487, -4.2765

Deuteranomaly

25.7425, -6.0381, -6.5217

Tritanomaly

26.3638, -12.3594, -5.7246

Monochromacy



Original Color

26.2827, -12.7403, -5.3484

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

22.3350, -7.3426, -1.7474

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 26.2827, -12.7403, -5.3484 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, 83, 89)` looks like.

```
.text, #text, p{  
    color:rgb(0, 83, 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(0, 83, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 83, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 26.2827, -12.7403, -5.3484 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, 83, 89) }
```


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

```
.border{ border-color:rgb(0, 83, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 83, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 83, 89); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 83, 89); box-shadow:4px  
4px 4px 4px rgb(0, 83, 89) }
```

Background

The CSS property to change the background color of an element to HunterLab 26.2827, -12.7403, -5.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 83, 89) }
```

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

```
.background{ background-color: rgb(0, 83,  
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