

Converting Colors

HunterLab(27.3110, -12.6820,
-6.4715)

Have a look what the booklet for
HunterLab(27.3110, -12.6820,
-6.4715) contains.

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Color

**HunterLab(27.3434,
-12.7743, -6.3368)**

Conversions

Conversions Part 1

Format	Color
Hex	02565E
RGB	2, 86, 94
RGB Percent	1%, 34%, 37%
CMY	0.9921, 0.6627, 0.6314
CMYK	0.98, 0.09, 0.00, 0.63
HSL	185°, 96%, 19%
HSV	185°, 98%, 37%
XYZ	5.3732, 7.4766, 11.7496
YIQ	61.7960, -52.6320, -15.3200

Conversions

Conversions Part 2

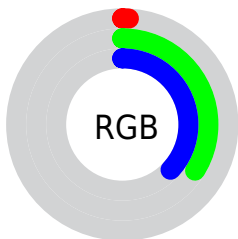
Format	Color
R_{YB}	2, 46, 94
Decimal	153182
CIE _{Lab}	32.87, -18.74, -10.96
CIE _{LCh}	33, 21.712, 210.323
Yxy	7.4769, 0.2184, 0.3039
Android (android.graphics.Color)	4278343262 (0xFF02565E)
YUV	61.7960, 15.8766, -52.4411
Hunter-Lab	27.3434, -12.7743, -6.3368

Details

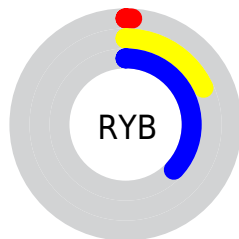
The HunterLab color **27.3434, -12.7743, -6.3368** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **16.1288, 24.1864, 10.1498**, and the grayscale version is **21.8384, -1.1652, 1.1865**.

A 20% lighter version of the original color is **45.7025, -16.3459, -6.3546**, and **13.1567, -5.4913, -4.5905** is the 20% darker color. If you saturate the color by 10%, you get **27.2691, -12.8031, -6.4459**, and if you desaturate by 10%, it is **27.6933, -12.6424, -5.8291**.

Distribution



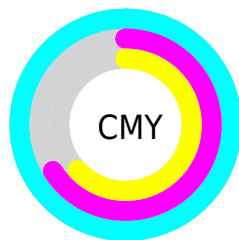
- Red (1%)
- Green (34%)
- Blue (37%)



- Red (1%)
- Yellow (18%)
- Blue (37%)



- Cyan (98%)
- Magenta (9%)
- Yellow (0%)
- Black (63%)



- Cyan (99%)
- Magenta (66%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.3434, -12.7743, -6.3368 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 27.3434, -12.7743, -6.3368 by changing the saturation by 10% instead.

■ 27.3434, -12.7743,
-6.3368

■ 27.3434, -12.7743,
-6.3368

■ 130.9845,
-27.2234, -5.0239

■ 19.3961, -10.8901,
-6.1484

■ 45.7453, -16.2347,
-6.4670

■ 12.4153, -8.8191,
-5.8713

■ 56.0623, -17.8741,
-6.4254

■ 5.6355, -9.8622,
-7.8367

■ 67.0559, -19.4764,
-6.3213

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 78.6868, -21.0526,
-6.1601

0.0000, NaN, NaN

■ 90.9218, -22.6103,
-5.9463

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.7325,

-24.1552, -5.6836

0.0000, NaN, NaN

117.0940,
-25.6918, -5.3753

27.3434, -12.7743,
-6.3368

27.3434, -12.7743,
-6.3368

27.2691, -12.8031,
-6.4459

27.6933, -12.6424,
-5.8291

28.0808, -12.3648,
-5.2725

28.5332, -11.8412,
-4.6301

29.0541, -11.0622,
-3.9010

29.6455, -10.0263,
-3.0873

■ 30.3085, -8.7382,
-2.1930

■ 31.0429, -7.2076,
-1.2235

■ 31.8479, -5.4480,
-0.1854

■ 32.7220, -3.4750,
0.9143

Harmonies

Analogous

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



27.3439, -14.3778, 1.4115



27.3434, -12.7743, -6.3368



27.3439, -8.2068, -13.2205

Triad

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



27.3439, -12.7743, -6.3364



27.3439, 12.1527, -6.1668



27.3439, -1.5412, 11.9202

Complementary

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



27.3434, -12.7743, -6.3368



16.1288, 24.1864, 10.1498

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.



27.3439, 6.0108, 10.8884



27.3434, -12.7743, -6.3368



27.3439, 14.4141, 1.5651

Square

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



27.3439, -12.7743, -6.3364



27.3439, 6.1655, -13.1055



27.3439, 12.0568, 7.5205



27.3439, -8.3326, 10.8420

Rectangle

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



27.3434, -12.7743, -6.3368



27.3439, -3.8304, -15.6702



27.3439, 12.0568, 7.5205



27.3439, 0.9930, 11.8128

Sweetspot

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



27.3439, -12.7743, -6.3364



40.8718, -9.9754, -1.8881



28.3543, -23.9294, 16.4719



19.8709, -5.1697, -1.1035



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



27.3439, -12.7743, -6.3364



35.9858, -16.8194, -8.6709



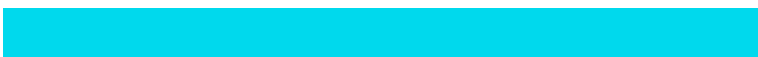
15.3676, 5.8131, -31.2853



16.0919, -1.8090, 0.3987



32.0228, -14.9938, -7.6585



74.5023, -34.5446, -18.5495

Inverse Universe

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



17.5932, 33.3109, -18.2470



23.0895, 44.5845, -24.1723



22.7610, 7.4217, 14.0049



15.4249, 0.8871, -0.2179



20.5303, 39.6511, -21.5582



47.9746, 92.5490, -49.5500

Previews

White Background



This preview shows how the HunterLab color 27.3434, -12.7743, -6.3368 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 27.3434, -12.7743, -6.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

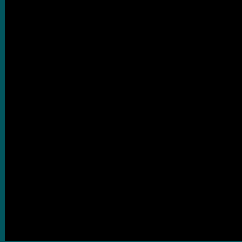
Any Text WCAG AA × Fail

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 27.3434, -12.7743, -6.3368 Background



This preview shows how black text looks on a background with the HunterLab color 27.3434, -12.7743, -6.3368.



This preview shows how white text looks on a background with the HunterLab color 27.3434, -12.7743, -6.3368.

-12.7743, -6.3368.

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

27.3434, -12.7743, -6.3368

Protanopia

27.4751, -0.0325, -2.9938

Deuteranopia

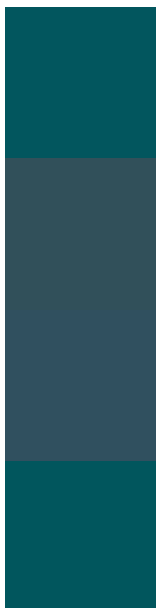
27.4030, 1.5333, -7.0310



Tritanopia

27.2872, -13.0590, -5.9159

Trichromacy



Original Color

27.3434, -12.7743, -6.3368

Protanomaly

26.6992, -6.7388, -5.1462

Deuteranomaly

26.8178, -5.9755, -7.5153

Tritanomaly

27.2990, -13.0129, -5.8981

Monochromacy



Original Color

27.3434, -12.7743, -6.3368

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

23.3495, -7.4976, -2.1940

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.3434, -12.7743, -6.3368 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(2, 86, 94)` looks like.

```
.text, #text, p{  
    color:rgb(2, 86, 94)  
}
```

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(2, 86, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 86, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 27.3434, -12.7743, -6.3368 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(2, 86, 94) }
```


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

```
.border{ border-color:rgb(2, 86, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 86, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 86, 94); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 86, 94); box-shadow:4px  
4px 4px 4px rgb(2, 86, 94) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.3434, -12.7743, -6.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 86, 94) }
```

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

```
.background{ background-color: rgb(2, 86,  
94) }
```

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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