

Converting Colors

HunterLab(29.5076, -12.8833,
-7.3010)

Have a look what the booklet for
HunterLab(29.5076, -12.8833,
-7.3010) contains.

HunterLab(29.5076, -12.8833, -7.3010)	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(29.5076,
-12.8833, -7.3010)**

Conversions

Conversions Part 1

Format	Color
Hex	0E5C66
RGB	14, 92, 102
RGB Percent	5%, 36%, 40%
CMY	0.9451, 0.6392, 0.6000
CMYK	0.86, 0.10, 0.00, 0.60
HSL	187°, 76%, 23%
HSV	187°, 86%, 40%
XYZ	6.4065, 8.7070, 13.9134
YIQ	69.8180, -49.6980, -13.4260

Conversions

Conversions Part 2

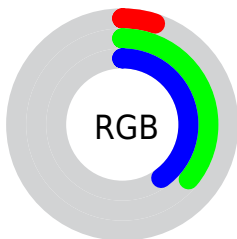
Format	Color
R_{YB}	14, 55, 102
Decimal	941158
CIE _{Lab}	35.41, -18.13, -12.09
CIE _{LCh}	35, 21.789, 213.705
Yxy	8.7073, 0.2207, 0.3000
Android (android.graphics.Color)	4279131238 (0xFF0E5C66)
YUV	69.8180, 15.8657, -48.9524
Hunter-Lab	29.5076, -12.8833, -7.3010

Details

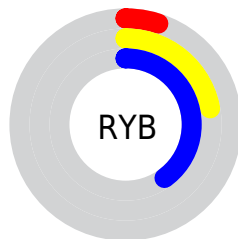
The HunterLab color **29.5076, -12.8833, -7.3010** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **18.7353, 23.2888, 10.6367**, and the grayscale version is **24.6431, -1.3149, 1.3389**.

A 20% lighter version of the original color is **48.1481, -16.0326, -7.7230**, and **14.9326, -6.2102, -5.2584** is the 20% darker color. If you saturate the color by 10%, you get **29.0502, -12.9040, -7.9812**, and if you desaturate by 10%, it is **30.0217, -12.6515, -6.5480**.

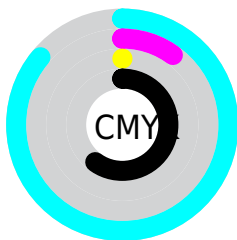
Distribution



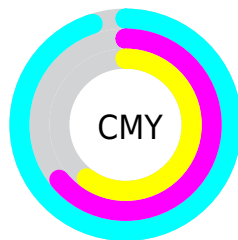
- Red (5%)
- Green (36%)
- Blue (40%)



- Red (5%)
- Yellow (22%)
- Blue (40%)



- Cyan (86%)
- Magenta (10%)
- Yellow (0%)
- Black (60%)



- Cyan (95%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.5076, -12.8833, -7.3010 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 29.5076, -12.8833, -7.3010 by changing the saturation by 10% instead.

■ 29.5076, -12.8833,
-7.3010

■ 29.5076, -12.8833,
-7.3010

■ 134.6028,
-26.9629, -6.2528

■ 21.3325, -11.0831,
-7.0865

■ 48.3051, -16.2223,
-7.4893

■ 14.0932, -9.1271,
-6.7876

■ 58.7985, -17.8143,
-7.4778

■ 7.7422, -10.6156,
-6.8526

■ 69.9578, -19.3750,
-7.4039

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 81.7454, -20.9137,
-7.2728

0.0000, NaN, NaN

■ 94.1295, -22.4374,
-7.0887

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.0826,

-23.9510, -6.8553

0.0000, NaN, NaN

120.5808,
-25.4585, -6.5758

29.5076, -12.8833,
-7.3010

29.5076, -12.8833,
-7.3010

29.0502, -12.9040,
-7.9812

30.0217, -12.6515,
-6.5480

28.8807, -12.9068,
-8.2363

30.6085, -12.1436,
-5.7016

31.2719, -11.3518,
-4.7623

32.0137, -10.2768,
-3.7342

32.8342, -8.9261,
-2.6231

■ 33.7327, -7.3123,
-1.4366

■ 34.7077, -5.4516,
-0.1826

■ 35.7571, -3.3622,
1.1308

■ 36.8781, -1.0637,
2.4954

Harmonies

Analogous

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



29.5081, -14.9135, 0.6839



29.5076, -12.8833, -7.3010



29.5081, -7.8369, -13.9667

Triad

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



29.5081, -12.8833, -7.3005



29.5081, 12.8641, -5.3188



29.5081, -2.5243, 12.4668

Complementary

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



29.5076, -12.8833, -7.3010



18.7353, 23.2888, 10.6367

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.



29.5081, 5.2546, 11.6286



29.5076, -12.8833, -7.3010



29.5081, 14.6531, 2.4996

Square

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



29.5081, -12.8833, -7.3005



29.5081, 7.0736, -12.6323



29.5081, 11.7408, 8.3864



29.5081, -9.3315, 11.0655

Rectangle

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



29.5076, -12.8833, -7.3010



29.5081, -3.1778, -16.0456



29.5081, 11.7408, 8.3864



29.5081, 0.0606, 12.4353

Sweetspot

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



29.5081, -12.8833, -7.3005



44.6127, -9.7937, -1.9799



31.0764, -25.1736, 17.1811



21.5283, -5.0147, -1.1453



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.



29.5081, -12.8833, -7.3005



38.1172, -16.9283, -11.1000



18.0737, 4.7794, -30.0168



17.7055, -1.9657, 0.3877



32.6771, -14.5603, -9.4121



74.0843, -32.5623, -22.3064

Inverse Universe

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



19.7784, 33.6940, -17.5763



25.0019, 48.0035, -24.0534



26.1678, 5.7375, 15.2830



16.9821, 1.0069, -0.2203



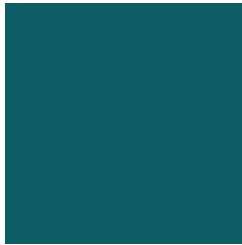
21.4044, 41.1105, -20.7024



48.7991, 93.5943, -46.1749

Previews

White Background



This preview shows how the HunterLab color 29.5076, -12.8833, -7.3010 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 29.5076, -12.8833, -7.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

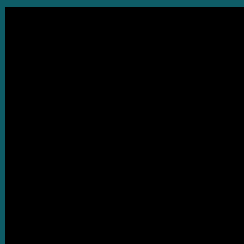
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

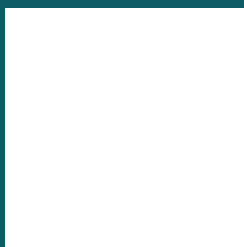
Any Text WCAG AAA × Fail

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

HunterLab 29.5076, -12.8833, -7.3010 Background



This preview shows how black text looks on a background with the HunterLab color 29.5076, -12.8833, -7.3010.



This preview shows how white text looks on a background with the HunterLab color 29.5076,

-12.8833, -7.3010.

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

29.5076, -12.8833, -7.3010

Protanopia

29.3742, 0.3810, -4.2298

Deuteranopia

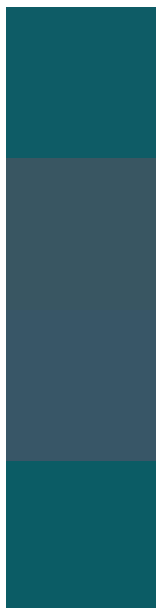
29.5627, 1.5462, -8.0228



Tritanopia

29.3920, -13.4638, -6.4452

Trichromacy



Original Color

29.5076, -12.8833, -7.3010

Protanomaly

28.9953, -6.2959, -5.8718

Deuteranomaly

29.1129, -5.5339, -8.2907

Tritanomaly

29.4364, -13.2254, -6.8913

Monochromacy



Original Color

29.5076, -12.8833, -7.3010

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

25.9540, -7.1611, -2.3684

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.5076, -12.8833, -7.3010 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(14, 92, 102)` looks like.

```
.text, #text, p{  
    color:rgb(14, 92, 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(14, 92, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 92, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 29.5076, -12.8833, -7.3010 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(14, 92, 102) }
```


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

```
.border{ border-color:rgb(14, 92, 102) }
```

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

Here you see how a box with a 4 pixel rgb(14, 92, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 92, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 92, 102);  
box-shadow:4px 4px 4px 4px rgb(14, 92,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.5076, -12.8833, -7.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 92, 102) }
```

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

```
.background{ background-color: rgb(14, 92,  
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](#).

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