

Converting Colors

HunterLab(28.5184, -12.6409,
-17.0347)

Have a look what the booklet for
HunterLab(28.5184, -12.6409,
-17.0347) contains.

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Color

**HunterLab(29.2802, -9.7335,
-15.5858)**

Conversions

Conversions Part 1

Format	Color
Hex	005A74
RGB	0, 90, 116
RGB Percent	0%, 35%, 45%
CMY	0.9999, 0.6471, 0.5451
CMYK	1.00, 0.22, 0.00, 0.55
HSL	193°, 100%, 23%
HSV	193°, 100%, 45%
XYZ	6.8086, 8.5733, 17.8190
YIQ	66.0540, -61.9860, -10.9940

Conversions

Conversions Part 2

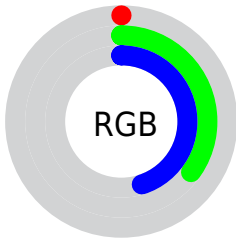
Format	Color
RYB	0, 51, 116
Decimal	23156
CIELab	35.15, -12.82, -21.21
CIELCh	35, 24.779, 238.855
Yxy	8.5736, 0.2051, 0.2582
Android (android.graphics.Color)	4278213236 (0xFF005A74)
YUV	66.0540, 24.6234, -57.9294
Hunter-Lab	29.2802, -9.7335, -15.5858

Details

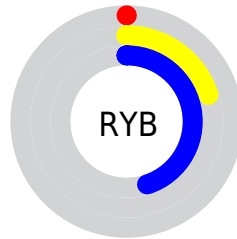
The HunterLab color **29.2802, -9.7335, -15.5858** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **21.1008, 27.1305, 13.4761**, and the grayscale version is **23.2938, -1.2429, 1.2656**.

A 20% lighter version of the original color is **47.9991, -12.3368, -16.3992**, and **14.8954, -2.7699, -12.6384** is the 20% darker color. If you saturate the color by 10%, you get **29.2797, -9.7326, -15.5871**, and if you desaturate by 10%, it is **30.1584, -10.2915, -14.0805**.

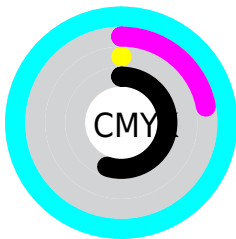
Distribution



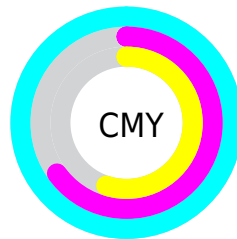
- Red (0%)
- Green (35%)
- Blue (45%)



- Red (0%)
- Yellow (20%)
- Blue (45%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (65%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.2802, -9.7335, -15.5858 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 29.2802, -9.7335, -15.5858 by changing the saturation by 10% instead.

■ 29.2802, -9.7335,
-15.5858

■ 29.2802, -9.7335,
-15.5858

■ 134.2253,
-21.2593, -17.3786

■ 21.1285, -8.3509,
-15.1018

■ 48.0369, -12.3621,
-16.4094

■ 13.9155, -6.8791,
-14.6398

■ 58.5121, -13.6421,
-16.7267

■ 7.5507, -7.7994,
-15.2157

■ 69.6543, -14.9119,
-16.9798

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 81.4258, -16.1770,
-17.1711

0.0000, NaN, NaN

■ 93.7945, -17.4417,
-17.3036

0.0000, NaN, NaN

■ 106.7329,

0.0000, NaN, NaN

-18.7088, -17.3804

0.0000, NaN, NaN

120.2169,
-19.9808, -17.4044

29.2802, -9.7335,
-15.5858

29.2802, -9.7335,
-15.5858

29.2797, -9.7326,
-15.5871

30.1584, -10.2915,
-14.0805

31.0910, -10.6548,
-12.5379

32.1145, -10.6870,
-10.9035

33.2313, -10.3825,
-9.1849

34.4411, -9.7471,
-7.3926

■ 35.7423, -8.7945,
-5.5387

■ 37.1319, -7.5438,
-3.6348

■ 38.6063, -6.0169,
-1.6920

■ 40.1614, -4.2370,
0.2800

Harmonies

Analogous

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



29.2807, -14.8375, -7.1853



29.2802, -9.7335, -15.5858



29.2807, -1.8980, -19.2308

Triad

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



29.2807, -9.7333, -15.5853



29.2807, 17.1348, 1.2735



29.2807, -9.2167, 12.3966

Complementary

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



29.2802, -9.7335, -15.5858



21.1008, 27.1305, 13.4761

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.



29.2807, -1.2283, 13.4681



29.2802, -9.7335, -15.5858



29.2807, 14.5978, 8.2877

Square

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



29.2807, -9.7333, -15.5853



29.2807, 14.1946, -7.9029



29.2807, 7.6126, 12.2142



29.2807, -14.5646, 8.6953

Rectangle

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



29.2802, -9.7335, -15.5858



29.2807, 4.0480, -17.8496



29.2807, 7.6126, 12.2142



29.2807, -6.7827, 13.0184

Sweetspot

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



29.2807, -9.7333, -15.5853



49.0840, -10.1431, -5.0159



35.4427, -29.6782, 19.7678



23.6687, -5.2407, -2.8643



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



29.2807, -9.7333, -15.5853



38.5684, -12.5555, -21.1033



15.3034, 16.2949, -54.3006



20.0568, -2.0186, 0.2324



30.9723, -10.2480, -16.5903



67.3998, -21.2697, -38.3287

Inverse Universe

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



21.0987, 39.6272, -13.4881



27.9369, 52.4169, -17.4056



31.4971, 3.2884, 19.4652



19.3509, 1.1259, -0.0514



22.3437, 41.9589, -14.2026



49.1887, 92.1448, -29.5141

Previews

White Background



This preview shows how the HunterLab color 29.2802, -9.7335, -15.5858 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 29.2802, -9.7335, -15.5858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

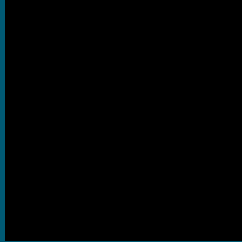
Any Text WCAG AA × Fail

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 29.2802, -9.7335, -15.5858 Background



This preview shows how black text looks on a background with the HunterLab color 29.2802, -9.7335, -15.5858.



This preview shows how white text looks on a background with the HunterLab color 29.2802, -9.7335, -15.5858.

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

29.2802, -9.7335, -15.5858

Protanopia

29.4215, 1.4980, -11.5723

Deuteranopia

29.4018, 2.0515, -16.4094



Tritanopia

29.2492, -14.0858, -6.1516

Trichromacy



Original Color

29.2802, -9.7335, -15.5858

Protanomaly

28.8014, -4.5895, -13.8895

Deuteranomaly

28.8777, -3.9199, -16.8278

Tritanomaly

29.1583, -12.5159, -9.4272

Monochromacy



Original Color

29.2802, -9.7335, -15.5858

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

24.8284, -6.9914, -4.8526

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.2802, -9.7335, -15.5858 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, 90, 116)` looks like.

```
.text, #text, p{  
    color:rgb(0, 90, 116)  
}
```

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, 90, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 90, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 29.2802, -9.7335, -15.5858 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, 90, 116) }
```


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

```
.border{ border-color:rgb(0, 90, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 90, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 90, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 90, 116);  
box-shadow:4px 4px 4px 4px rgb(0, 90, 116)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.2802, -9.7335, -15.5858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 90, 116) }
```

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

```
.background{ background-color: rgb(0, 90,  
116) }
```

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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