

Converting Colors

HunterLab(28.7610, -7.3472,
-15.0770)

Have a look what the booklet for
HunterLab(28.7610, -7.3472,
-15.0770) contains.

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Color

**HunterLab(28.7967, -7.3005,
-15.1605)**

Conversions

Conversions Part 1

Format	Color
Hex	1D5772
RGB	29, 87, 114
RGB Percent	11%, 34%, 45%
CMY	0.8863, 0.6588, 0.5529
CMYK	0.75, 0.24, 0.00, 0.55
HSL	199°, 59%, 28%
HSV	199°, 75%, 45%
XYZ	6.9521, 8.2925, 17.1538
YIQ	72.7360, -43.2350, -3.8990

Conversions

Conversions Part 2

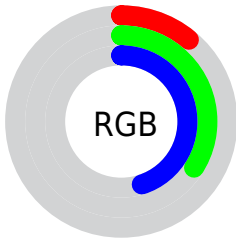
Format	Color
RYB	29, 63, 114
Decimal	1922930
CIELab	34.59, -8.93, -20.80
CIELCh	35, 22.639, 246.760
Yxy	8.2928, 0.2146, 0.2560
Android (android.graphics.Color)	4280113010 (0xFF1D5772)
YUV	72.7360, 20.3432, -38.3565
Hunter-Lab	28.7967, -7.3005, -15.1605

Details

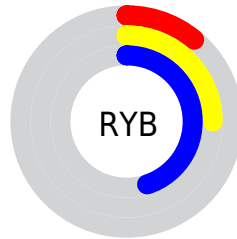
The HunterLab color **28.7967, -7.3005, -15.1605** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **25.4852, 15.4658, 13.2696**, and the grayscale version is **25.6599, -1.3691, 1.3941**.

A 20% lighter version of the original color is **47.5140, -9.6107, -15.9080**, and **14.3153, -2.4659, -12.5697** is the 20% darker color. If you saturate the color by 10%, you get **27.5401, -6.7019, -17.4203**, and if you desaturate by 10%, it is **30.1529, -7.5574, -12.8554**.

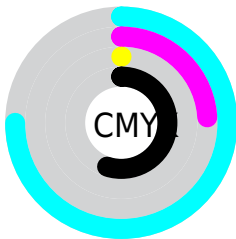
Distribution



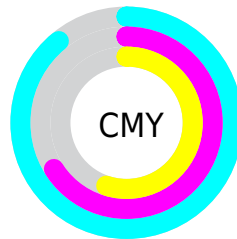
- Red (11%)
- Green (34%)
- Blue (45%)



- Red (11%)
- Yellow (25%)
- Blue (45%)



- Cyan (75%)
- Magenta (24%)
- Yellow (0%)
- Black (55%)



- Cyan (89%)
- Magenta (66%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7967, -7.3005, -15.1605 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 28.7967, -7.3005, -15.1605 by changing the saturation by 10% instead.

■ 28.7967, -7.3005,
-15.1605

■ 28.7967, -7.3005,
-15.1605

■ 133.4207,
-16.9900, -16.8714

■ 20.6951, -6.2141,
-14.6819

■ 47.4663, -9.4224,
-15.9688

■ 13.5389, -5.0832,
-14.2236

■ 57.9025, -10.4786,
-16.2772

■ 7.1248, -5.8439,
-15.2183

■ 69.0081, -11.5391,
-16.5210

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 80.7449, -12.6071,
-16.7027

0.0000, NaN, NaN

■ 93.0807, -13.6848,
-16.8256

0.0000, NaN, NaN

■ 105.9876,

0.0000, NaN, NaN

-14.7738, -16.8926

0.0000, NaN, NaN

119.4414,
-15.8753, -16.9070

■ 28.7967, -7.3005,
-15.1605

■ 28.7967, -7.3005,
-15.1605

■ 27.5401, -6.7019,
-17.4203

■ 30.1529, -7.5574,
-12.8554

■ 26.3761, -5.7835,
-19.6339

■ 31.6048, -7.4830,
-10.5213

■ 25.7557, -5.2455,
-20.8688

■ 33.1491, -7.0957,
-8.1718

■ 34.7808, -6.4182,
-5.8187

■ 36.4948, -5.4754,
-3.4714

■ 38.2860, -4.2922,
-1.1369

■ 40.1492, -2.8924,
1.1798

■ 42.0796, -1.2983,
3.4757

■ 44.0726, 0.4698,
5.7490

Harmonies

Analogous

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



28.7972, -12.7443, -8.5122



28.7967, -7.3005, -15.1605



28.7972, 0.2754, -16.8331

Triad

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



28.7972, -7.3004, -15.1599



28.7972, 15.1865, 3.2201



28.7972, -10.0917, 10.9210

Complementary

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



28.7967, -7.3005, -15.1605



25.4852, 15.4658, 13.2696

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.



28.7972, -3.3077, 12.5565



28.7967, -7.3005, -15.1605



28.7972, 11.6965, 8.9553

Square

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



28.7972, -7.3004, -15.1599



28.7972, 13.8223, -4.7499



28.7972, 4.7162, 11.9493



28.7972, -14.2302, 6.7147

Rectangle

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



28.7967, -7.3005, -15.1605



28.7972, 5.6395, -14.5865



28.7972, 4.7162, 11.9493



28.7972, -8.0750, 11.7294

Sweetspot

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



28.7972, -7.3004, -15.1599



48.8431, -6.9705, -3.9842



35.4694, -25.6558, 15.1700



23.2667, -3.4896, -2.2110



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



28.7972, -7.3004, -15.1599



35.4590, -8.0958, -25.0691



18.2254, 11.8540, -40.3513



19.0923, -1.7178, 0.0760



27.1177, -5.4490, -22.1319



59.1864, -10.1160, -52.1403

Inverse Universe

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



22.6816, 31.9171, -9.0357



27.7625, 47.7941, -11.2271



35.3270, -3.3704, 19.7579



18.5373, 0.9876, 0.1517



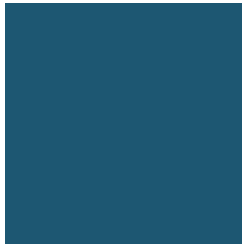
21.4201, 39.5108, -8.0831



47.6383, 87.5775, -15.6932

Previews

White Background



This preview shows how the HunterLab color 28.7967, -7.3005, -15.1605 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 28.7967, -7.3005, -15.1605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

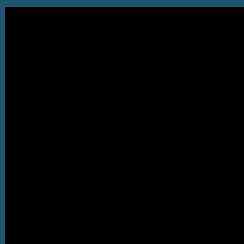
Any Text WCAG AA × Fail

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 28.7967, -7.3005, -15.1605 Background



This preview shows how black text looks on a background with the HunterLab color 28.7967, -7.3005, -15.1605.



This preview shows how white text looks on a background with the HunterLab color 28.7967, -7.3005, -15.1605.

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

28.7967, -7.3005, -15.1605

Protanopia

28.7366, 1.7432, -12.1128

Deuteranopia

28.6831, 2.1099, -16.4428



Tritanopia

28.7290, -13.2110, -5.8683

Trichromacy



Original Color

28.7967, -7.3005, -15.1605

Protanomaly

28.6427, -2.4514, -13.5237

Deuteranomaly

28.6506, -2.1092, -15.9477

Tritanomaly

28.7274, -11.3137, -8.9801

Monochromacy



Original Color

28.7967, -7.3005, -15.1605

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

26.5014, -4.7979, -4.4094

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7967, -7.3005, -15.1605 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(29, 87, 114)` looks like.

```
.text, #text, p{  
    color:rgb(29, 87, 114)  
}
```

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(29, 87, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 87, 114) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7967, -7.3005, -15.1605 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(29, 87, 114) }
```


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

```
.border{ border-color:rgb(29, 87, 114) }
```

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

Here you see how a box with a 4 pixel rgb(29, 87, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 87, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 87, 114);  
box-shadow:4px 4px 4px 4px rgb(29, 87,  
114) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.7967, -7.3005, -15.1605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 87, 114) }
```

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

```
.background{ background-color: rgb(29, 87,  
114) }
```

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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