

Converting Colors

HunterLab(28.8743, -2.2056,
-12.2563)

Have a look what the booklet for
HunterLab(28.8743, -2.2056,
-12.2563) contains.

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Color

**HunterLab(28.8174, -1.9163,
-12.6275)**

Conversions

Conversions Part 1

Format	Color
Hex	3D536E
RGB	61, 83, 110
RGB Percent	24%, 33%, 43%
CMY	0.7608, 0.6745, 0.5686
CMYK	0.45, 0.25, 0.00, 0.57
HSL	213°, 29%, 34%
HSV	213°, 45%, 43%
XYZ	7.8322, 8.3044, 15.9420
YIQ	79.5000, -21.7790, 3.7330

Conversions

Conversions Part 2

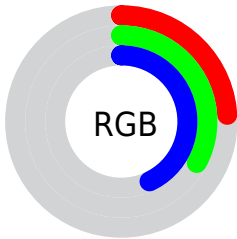
Format	Color
R _Y B	61, 76, 110
Decimal	4019054
CIE Lab	34.61, -0.56, -18.15
CIE LCh	35, 18.163, 268.225
Yxy	8.3047, 0.2442, 0.2589
Android (android.graphics.Color)	4282209134 (0xFF3D536E)
YUV	79.5000, 15.0365, -16.2245
Hunter-Lab	28.8174, -1.9163, -12.6275

Details

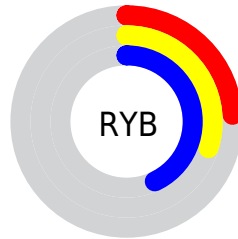
The HunterLab color **28.8174, -1.9163, -12.6275** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **32.6062, 1.8586, 12.0959**, and the grayscale version is **28.0962, -1.4991, 1.5265**.

A 20% lighter version of the original color is **47.4243, -2.7148, -13.5598**, and **13.4357, -0.9187, -11.8485** is the 20% darker color. If you saturate the color by 10%, you get **26.6522, -1.2349, -16.4158**, and if you desaturate by 10%, it is **31.0787, -2.3242, -9.0332**.

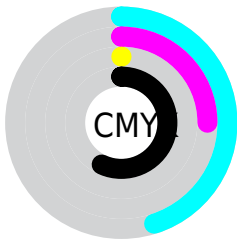
Distribution



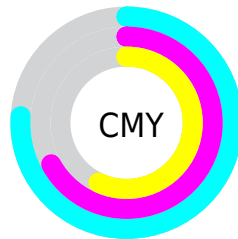
- Red (24%)
- Green (33%)
- Blue (43%)



- Red (24%)
- Yellow (30%)
- Blue (43%)



- Cyan (45%)
- Magenta (25%)
- Yellow (0%)
- Black (57%)



- Cyan (76%)
- Magenta (67%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.8174, -1.9163, -12.6275 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 28.8174, -1.9163, -12.6275 by changing the saturation by 10% instead.

■ 28.8174, -1.9163,
-12.6275

■ 28.8174, -1.9163,
-12.6275

■ 133.4553, -7.7578,
-13.5765

■ 20.7137, -1.4440,
-12.2044

■ 47.4908, -2.9825,
-13.2779

■ 13.5550, -1.0169,
-11.7556

■ 57.9287, -3.5706,
-13.4994

■ 7.1436, -0.7247,
-12.4808

■ 69.0359, -4.1926,
-13.6551

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 80.7742, -4.8468,
-13.7489

0.0000, NaN, NaN

■ 93.1113, -5.5317,
-13.7845

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.0196, -6.2459,

-13.7656

0.0000, NaN, NaN

119.4747, -6.9883,
-13.6953

■ 28.8174, -1.9163,
-12.6275

■ 28.8174, -1.9163,
-12.6275

■ 26.6522, -1.2349,
-16.4158

■ 31.0787, -2.3242,
-9.0332

■ 24.5933, -0.2384,
-20.4144

■ 33.4241, -2.4954,
-5.6161

■ 22.6549, 1.1151,
-24.6282

■ 35.8455, -2.4626,
-2.3558

■ 20.8518, 2.8634,
-29.0471

■ 38.3355, -2.2536,
0.7671

■ 19.1913, 5.0046,
-33.6621

■ 40.8877, -1.8921,
3.7702

■ 18.3168, 6.2357,
-36.3554

■ 43.4968, -1.3977,
6.6697

■ 46.1582, -0.7872,
9.4797

■ 48.8678, -0.0746,
12.2125

■ 51.6223, 0.7285,
14.8789

Harmonies

Analogous

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



28.8179, -7.6923, -10.1586



28.8174, -1.9163, -12.6275



28.8179, 4.4671, -10.6597

Triad

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



28.8179, -1.9164, -12.6269



28.8179, 10.0301, 6.5399



28.8179, -11.2040, 7.0402

Complementary

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



28.8174, -1.9163, -12.6275



32.6062, 1.8586, 12.0959

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.



28.8179, -7.0906, 10.0422



28.8174, -1.9163, -12.6275



28.8179, 5.1779, 9.8004

Square

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



28.8179, -1.9164, -12.6269



28.8179, 11.7117, 1.2065



28.8179, -1.1600, 10.9323



28.8179, -12.7583, 1.9261

Rectangle

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



28.8174, -1.9163, -12.6275



28.8179, 8.1459, -7.2940



28.8179, -1.1600, 10.9323



28.8179, -10.0932, 8.2846

Sweetspot

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



28.8179, -1.9164, -12.6269



47.8932, -3.2419, -2.6174



35.8440, -16.6129, 6.5419



22.8313, -1.5784, -1.6151



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



28.8179, -1.9164, -12.6269



35.3563, -1.6508, -21.6872



23.5271, 8.6155, -22.5281



18.7727, -1.1942, -0.3102



19.9327, 7.1300, -40.3057



42.5652, 20.0046, -96.3871

Inverse Universe

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



26.9765, 16.7150, -1.0715



32.8503, 27.6091, -1.5405



38.2740, -8.4580, 16.5966



18.5043, 0.8103, 0.6211



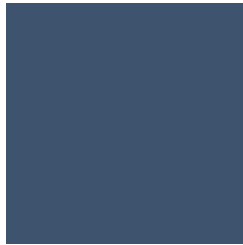
20.6080, 36.5757, 3.3650



45.8113, 80.9611, 10.1617

Previews

White Background



This preview shows how the HunterLab color 28.8174, -1.9163, -12.6275 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 28.8174, -1.9163, -12.6275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

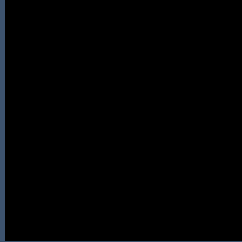
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

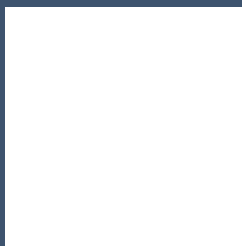
Any Text WCAG AAA × Fail

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

HunterLab 28.8174, -1.9163, -12.6275 Background



This preview shows how black text looks on a background with the HunterLab color 28.8174, -1.9163, -12.6275.



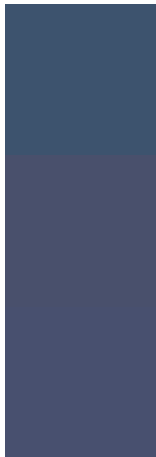
This preview shows how white text looks on a background with the HunterLab color 28.8174, -1.9163, -12.6275.

-12.6275.

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

28.8174, -1.9163, -12.6275

Protanopia

28.6993, 1.5430, -11.5983

Deuteranopia

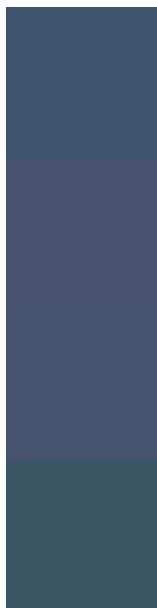
28.7450, 1.9230, -13.2734



Tritanopia

28.7865, -7.3771, -3.7205

Trichromacy



Original Color

28.8174, -1.9163, -12.6275

Protanomaly

28.7301, 0.4016, -12.1470

Deuteranomaly

28.7428, 0.5965, -13.3003

Tritanomaly

28.8052, -5.5099, -6.6439

Monochromacy



Original Color

28.8174, -1.9163, -12.6275

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.3843, -2.0141, -3.2193

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.8174, -1.9163, -12.6275 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(61, 83, 110)` looks like.

```
.text, #text, p{  
    color:rgb(61, 83, 110)  
}
```

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(61, 83, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 83, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 28.8174, -1.9163, -12.6275 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(61, 83, 110) }
```


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

```
.border{ border-color:rgb(61, 83, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 83, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 83, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 83, 110);  
box-shadow:4px 4px 4px 4px rgb(61, 83,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.8174, -1.9163, -12.6275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 83, 110) }
```

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

```
.background{ background-color: rgb(61, 83,  
110) }
```

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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