

Converting Colors

HunterLab(28.8328, 1.1560,
-12.5480)

Have a look what the booklet for
HunterLab(28.8328, 1.1560,
-12.5480) contains.

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Color

**HunterLab(28.8968, 1.0435,
-12.4433)**

Conversions

Conversions Part 1

Format	Color
Hex	47516E
RGB	71, 81, 110
RGB Percent	28%, 32%, 43%
CMY	0.7216, 0.6823, 0.5686
CMYK	0.35, 0.26, 0.00, 0.57
HSL	225°, 22%, 35%
HSV	225°, 35%, 43%
XYZ	8.3554, 8.3503, 15.9232
YIQ	81.3160, -15.2690, 6.8990

Conversions

Conversions Part 2

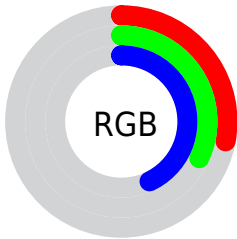
Format	Color
R_{YB}	71, 79, 110
Decimal	4673902
CIE Lab	34.70, 3.78, -17.95
CIE LCh	35, 18.346, 281.883
Yxy	8.3506, 0.2561, 0.2559
Android (android.graphics.Color)	4282863982 (0xFF47516E)
YUV	81.3160, 14.1412, -9.0471
Hunter-Lab	28.8968, 1.0435, -12.4433

Details

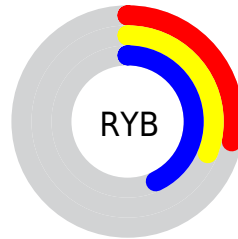
The HunterLab color $28.8968, 1.0435, -12.4433$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $35.8950, -2.5199, 12.2271$, and the grayscale version is $28.7544, -1.5343, 1.5623$.

A 20% lighter version of the original color is $47.5803, 0.7294, -13.2633$, and $13.7026, 1.1878, -11.2554$ is the 20% darker color. If you saturate the color by 10%, you get $26.1310, 2.4222, -17.3275$, and if you desaturate by 10%, it is $31.7721, -0.0838, -7.9524$.

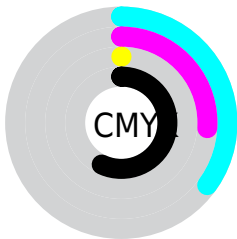
Distribution



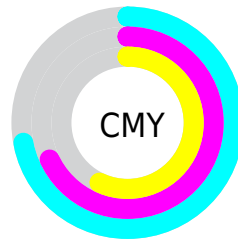
- Red (28%)
- Green (32%)
- Blue (43%)



- Red (28%)
- Yellow (31%)
- Blue (43%)



- Cyan (35%)
- Magenta (26%)
- Yellow (0%)
- Black (57%)



- Cyan (72%)
- Magenta (68%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.8968, 1.0435, -12.4433 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 28.8968, 1.0435, -12.4433 by changing the saturation by 10% instead.

■ 28.8968, 1.0435,
-12.4433

■ 28.8968, 1.0435,
-12.4433

■ 133.5876, -2.8732,
-13.3270

■ 20.7848, 1.2173,
-12.0258

■ 47.5845, 0.4982,
-13.0793

■ 13.6168, 1.3082,
-11.5790

■ 58.0289, 0.1432,
-13.2933

■ 7.2153, 1.8962,
-12.2171

■ 69.1421, -0.2594,
-13.4415

0.0000, NaN, -NF

■ 80.8861, -0.7058,
-13.5278

0.0000, NaN, NaN

■ 93.2287, -1.1928,
-13.5561

0.0000, NaN, NaN

106.1421, -1.7178,

0.0000, NaN, NaN

-13.5300

0.0000, NaN, NaN

119.6022, -2.2785,
-13.4526

■ 28.8968, 1.0435,
-12.4433

■ 28.8968, 1.0435,
-12.4433

■ 26.1310, 2.4222,
-17.3275

■ 31.7721, -0.0838,
-7.9524

■ 23.4915, 4.1089,
-22.6852

■ 34.7408, -1.0050,
-3.7868

■ 21.0032, 6.1680,
-28.5933

■ 37.7922, -1.7572,
0.1131

■ 18.6977, 8.6651,
-35.1053

■ 40.9173, -2.3698,
3.7956

■ 16.6150, 11.6464,
-42.1999

■ 44.1088, -2.8661,
7.3002

■ 14.7887, 15.0565,
-49.7667

■ 47.3609, -3.2648,
10.6587

■ 14.0218, 16.6397,
-53.4464

■ 50.6685, -3.5807,
13.8969

■ 54.0277, -3.8260,
17.0358

■ 57.4348, -4.0105,
20.0923

Harmonies

Analogous

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



28.8974, -5.2834, -11.9648



28.8968, 1.0435, -12.4433



28.8974, 7.1702, -8.6090

Triad

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



28.8974, 1.0432, -12.4427



28.8974, 8.2354, 8.3670



28.8974, -12.3669, 4.9921

Complementary

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



28.8968, 1.0435, -12.4433



35.8950, -2.5199, 12.2271

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.



28.8974, -9.3331, 9.0223



28.8968, 1.0435, -12.4433



28.8974, 2.3970, 10.6574

Square

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



28.8974, 1.0432, -12.4427



28.8974, 11.5586, 3.8885



28.8974, -4.0422, 10.8677



28.8974, -12.6604, -0.9517

Rectangle

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



28.8968, 1.0435, -12.4433



28.8974, 10.1726, -4.5277



28.8974, -4.0422, 10.8677



28.8974, -11.6469, 6.5788

Sweetspot

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



28.8974, 1.0432, -12.4427



47.7085, -1.7713, -2.8296



36.6115, -13.0936, 2.9694



22.8282, -0.8072, -1.6056



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.



28.8974, 1.0432, -12.4427



35.0990, 2.9497, -22.0835



27.0969, 7.8145, -15.4447



18.5115, -0.7599, -0.6309



15.2264, 18.6527, -59.2973



32.1546, 47.2260, -142.1379

Inverse Universe

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



29.0101, 11.8031, 2.1719



35.5407, 20.3185, 3.3318



37.9050, -9.4987, 13.8657



18.4777, 0.6671, 1.0001



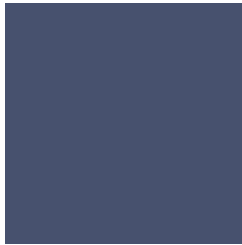
20.1987, 35.0736, 9.3095



44.9461, 77.7806, 22.7716

Previews

White Background



This preview shows how the HunterLab color 28.8968, 1.0435, -12.4433 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 28.8968, 1.0435, -12.4433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

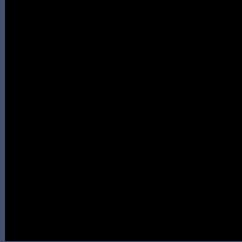
Any Text WCAG AA × Fail

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 28.8968, 1.0435, -12.4433 Background



This preview shows how black text looks on a background with the HunterLab color 28.8968, 1.0435, -12.4433.



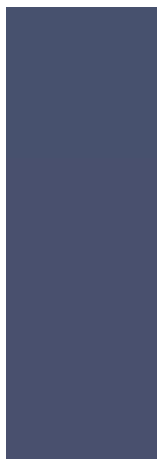
This preview shows how white text looks on a background with the HunterLab color 28.8968, 1.0435, -12.4433.

-12.4433.

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

28.8968, 1.0435, -12.4433

Protanopia

28.7743, 1.9451, -12.6319

Deuteranopia

28.7743, 1.9451, -12.6319



Tritanopia

28.7911, -4.6706, -2.7230

Trichromacy



Original Color

28.8968, 1.0435, -12.4433

Protanomaly

28.7068, 1.7185, -12.7488

Deuteranomaly

28.7068, 1.7185, -12.7488

Tritanomaly

28.8050, -2.8062, -6.0841

Monochromacy



Original Color

28.8968, 1.0435, -12.4433

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

28.6973, -0.8652, -3.2512

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.8968, 1.0435, -12.4433 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(71, 81, 110)` looks like.

```
.text, #text, p{  
    color:rgb(71, 81, 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(71, 81, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 81, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 28.8968, 1.0435, -12.4433 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(71, 81, 110) }
```


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

```
.border{ border-color:rgb(71, 81, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 81, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 81, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 81, 110);  
box-shadow:4px 4px 4px 4px rgb(71, 81,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.8968, 1.0435, -12.4433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 81, 110) }
```

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

```
.background{ background-color: rgb(71, 81,  
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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