

Converting Colors

HunterLab(28.7831, 4.7186,
-17.0394)

Have a look what the booklet for
HunterLab(28.7831, 4.7186,
-17.0394) contains.

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Color

**HunterLab(28.6862, 4.7869,
-17.0241)**

Conversions

Conversions Part 1

Format	Color
Hex	4B4E75
RGB	75, 78, 117
RGB Percent	29%, 31%, 46%
CMY	0.7059, 0.6941, 0.5412
CMYK	0.36, 0.33, 0.00, 0.54
HSL	236°, 22%, 38%
HSV	236°, 36%, 46%
XYZ	8.8369, 8.2290, 17.9522
YIQ	81.5490, -14.3070, 11.4930

Conversions

Conversions Part 2

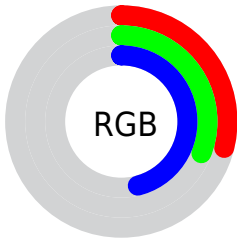
Format	Color
R_{YB}	75, 78, 117
Decimal	4935285
CIE _{Lab}	34.46, 9.03, -22.68
CIE _{LCh}	34, 24.409, 291.717
Yxy	8.2293, 0.2524, 0.2350
Android (android.graphics.Color)	4283125365 (0xFF4B4E75)
YUV	81.5490, 17.4773, -5.7435
Hunter-Lab	28.6862, 4.7869, -17.0241

Details

The HunterLab color **28.6862, 4.7869, -17.0241** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **40.4039, -6.1012, 15.0213**, and the grayscale version is **28.8268, -1.5381, 1.5662**.

A 20% lighter version of the original color is **47.3321, 4.6923, -17.7712**, and **13.4473, 4.2673, -15.7517** is the 20% darker color. If you saturate the color by 10%, you get **25.2621, 7.3405, -23.8044**, and if you desaturate by 10%, it is **32.2781, 2.5460, -10.9795**.

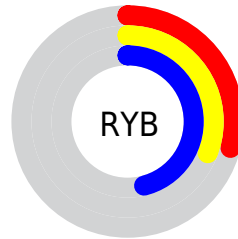
Distribution



Red (29%)

Green (31%)

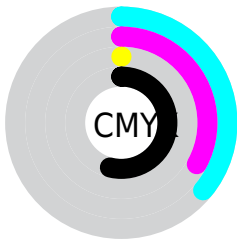
Blue (46%)



Red (29%)

Yellow (31%)

Blue (46%)

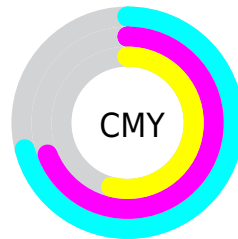


Cyan (36%)

Magenta (33%)

Yellow (0%)

Black (54%)



Cyan (71%)

Magenta (69%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.6862, 4.7869, -17.0241 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 28.6862, 4.7869, -17.0241 by changing the saturation by 10% instead.

■ 28.6862, 4.7869,
-17.0241

■ 28.6862, 4.7869,
-17.0241

■ 133.2365, 3.1522,
-19.2432

■ 20.5962, 4.6156,
-16.5192

■ 47.3358, 4.8522,
-17.9299

■ 13.4531, 4.3240,
-16.0774

■ 57.7630, 4.7728,
-18.2955

■ 7.0235, 5.2283,
-17.4369

■ 68.8602, 4.6304,
-18.5983

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 80.5891, 4.4311,
-18.8397

0.0000, NaN, NaN

■ 92.9173, 4.1800,
-19.0221

0.0000, NaN, NaN

105.8170, 3.8810,

0.0000, NaN, NaN

-19.1483

0.0000, NaN, NaN

119.2638, 3.5374,
-19.2211

■ 28.6862, 4.7869,
-17.0241

■ 28.6862, 4.7869,
-17.0241

■ 25.2621, 7.3405,
-23.8044

■ 32.2781, 2.5460,
-10.9795

■ 22.0426, 10.2893,
-31.5058

■ 36.0085, 0.5494,
-5.5132

■ 19.0830, 13.7129,
-40.2903

■ 39.8579, -1.2571,
-0.4966

■ 16.4606, 17.6397,
-50.1680

■ 43.8111, -2.9152,
4.1693

■ 14.2798, 21.9276,
-60.6943

■ 47.8563, -4.4564,
8.5602

■ 12.6432, 26.0544,
-70.6761

■ 51.9845, -5.9049,
12.7343

■ 12.1069, 27.4907,
-74.4772

■ 56.1881, -7.2792,
16.7366

■ 60.4612, -8.5938,
20.6018

■ 64.7988, -9.8599,
24.3571

Harmonies

Analogous

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



28.6867, -3.8549, -18.5437



28.6862, 4.7869, -17.0241



28.6867, 12.4974, -9.8723

Triad

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



28.6867, 4.7867, -17.0234



28.6867, 9.3425, 11.3007



28.6867, -16.0139, 3.7176

Complementary

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



28.6862, 4.7869, -17.0241



40.4039, -6.1012, 15.0213

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.



28.6867, -13.2954, 9.6377



28.6862, 4.7869, -17.0241



28.6867, 0.8669, 13.1007

Square

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



28.6867, 4.7867, -17.0234



28.6867, 15.3341, 6.7515



28.6867, -7.3474, 12.5965



28.6867, -15.2238, -4.8262

Rectangle

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



28.6862, 4.7869, -17.0241



28.6867, 15.7445, -3.7718



28.6867, -7.3474, 12.5965



28.6867, -15.4926, 6.0339

Sweetspot

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



28.6867, 4.7867, -17.0234



50.5427, -0.4075, -4.2156



39.2711, -12.9439, 0.1617



23.9840, -0.0765, -2.3513



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.



28.6867, 4.7867, -17.0234



34.6046, 9.1773, -30.1515



29.3564, 10.5921, -15.7157



19.0474, -0.3487, -1.0011



12.6683, 29.0146, -78.4685



27.0621, 67.7634, -180.1071

Inverse Universe

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



30.6013, 11.9390, 5.0999



37.9392, 20.5992, 7.9479



39.8894, -12.3854, 14.4682



19.2476, 0.5704, 1.4192



20.4597, 35.1315, 12.4947



45.1095, 77.3472, 28.4067

Previews

White Background



This preview shows how the HunterLab color 28.6862, 4.7869, -17.0241 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 28.6862, 4.7869, -17.0241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

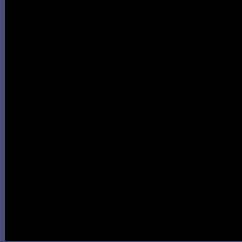
Any Text WCAG AA × Fail

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 28.6862, 4.7869, -17.0241 Background



This preview shows how black text looks on a background with the HunterLab color 28.6862, 4.7869, -17.0241.



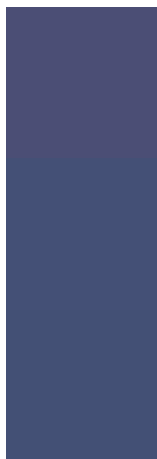
This preview shows how white text looks on a background with the HunterLab color 28.6862, 4.7869, -17.0241.

-17.0241.

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

28.6862, 4.7869, -17.0241

Protanopia

28.7650, 2.5476, -17.5583

Deuteranopia

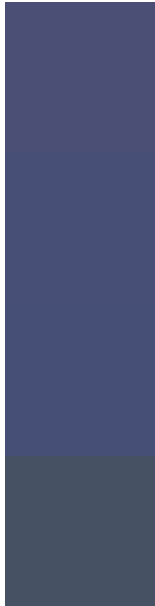
28.6618, 2.1199, -17.1156



Tritanopia

28.6180, -3.9692, -2.4752

Trichromacy



Original Color

28.6862, 4.7869, -17.0241

Protanomaly

28.7046, 3.6473, -17.6505

Deuteranomaly

28.5979, 3.2120, -17.2135

Tritanomaly

28.5387, -0.8984, -7.4783

Monochromacy



Original Color

28.6862, 4.7869, -17.0241

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

28.9367, 0.1436, -4.3497

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.6862, 4.7869, -17.0241 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(75, 78, 117)` looks like.

```
.text, #text, p{  
    color:rgb(75, 78, 117)  
}
```

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(75, 78, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 78, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 28.6862, 4.7869, -17.0241 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(75, 78, 117) }
```


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

```
.border{ border-color:rgb(75, 78, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 78, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 78, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 78, 117);  
box-shadow:4px 4px 4px 4px rgb(75, 78,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.6862, 4.7869, -17.0241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 78, 117) }
```

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

```
.background{ background-color: rgb(75, 78,  
117) }
```

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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