

Converting Colors

HunterLab(28.1700, 2.0434,
-17.5771)

Have a look what the booklet for
HunterLab(28.1700, 2.0434,
-17.5771) contains.

HunterLab(28.2431, 1.9467, -17.2489)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(28.2431, 1.9467,
-17.2489)**

Conversions

Conversions Part 1

Format	Color
Hex	414F74
RGB	65, 79, 116
RGB Percent	25%, 31%, 45%
CMY	0.7451, 0.6902, 0.5451
CMYK	0.44, 0.32, 0.00, 0.55
HSL	224°, 28%, 35%
HSV	224°, 44%, 45%
XYZ	8.1283, 7.9767, 17.6342
YIQ	79.0320, -20.2210, 8.5390

Conversions

Conversions Part 2

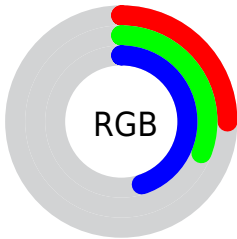
Format	Color
R_{YB}	65, 76, 116
Decimal	4280180
CIE _{Lab}	33.93, 5.05, -22.92
CIE _{LCh}	34, 23.473, 282.433
Yxy	7.9770, 0.2409, 0.2364
Android (android.graphics.Color)	4282470260 (0xFF414F74)
YUV	79.0320, 18.2252, -12.3061
Hunter-Lab	28.2431, 1.9467, -17.2489




Details

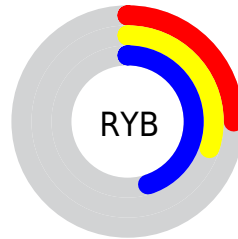
The HunterLab color $28.2431, 1.9467, -17.2489$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $36.8751, -2.0470, 14.6449$, and the grayscale version is $27.9157, -1.4895, 1.5167$.




A 20% lighter version of the original color is $46.8085, 1.4360, -18.0558$, and $13.1186, 2.0980, -16.5963$ is the 20% darker color. If you saturate the color by 10%, you get $25.4612, 3.5978, -22.7243$, and if you desaturate by 10%, it is $31.1551, 0.6130, -12.2361$.

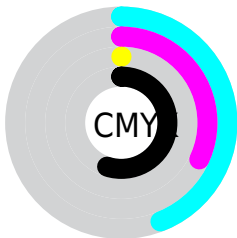
Distribution







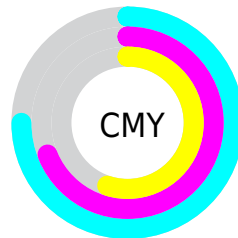
-  Red (25%)
-  Green (31%)
-  Blue (45%)






-  Red (25%)
-  Yellow (30%)
-  Blue (45%)



-  Cyan (44%)
-  Magenta (32%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (75%)
-  Magenta (69%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.2431, 1.9467, -17.2489 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 28.2431, 1.9467, -17.2489 by changing the saturation by 10% instead.

■ 28.2431, 1.9467,
-17.2489

■ 28.2431, 1.9467,
-17.2489

■ 132.4959, -1.3790,
-19.5578

■ 20.1996, 2.0290,
-16.7419

■ 46.8117, 1.5615,
-18.1715

■ 13.1094, 2.0168,
-16.3123

■ 57.2029, 1.2781,
-18.5475

■ 6.6002, 2.9839,
-18.3737

■ 68.2662, 0.9428,
-18.8609

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 79.9631, 0.5602,
-19.1130

0.0000, NaN, NaN

■ 92.2607, 0.1340,
-19.3061

0.0000, NaN, NaN

105.1313, -0.3330,

0.0000, NaN, NaN

-19.4427

0.0000, NaN, NaN

118.5502, -0.8380,
-19.5257

■ 28.2431, 1.9467,
-17.2489

■ 28.2431, 1.9467,
-17.2489

■ 25.4612, 3.5978,
-22.7243

■ 31.1551, 0.6130,
-12.2361

■ 22.8315, 5.6328,
-28.7408

■ 34.1773, -0.4600,
-7.6121

■ 20.3851, 8.1211,
-35.3541

■ 37.2959, -1.3189,
-3.3087

■ 18.1607, 11.1180,
-42.5585

■ 40.4996, -2.0014,
0.7314

■ 16.2002, 14.6128,
-50.2337

■ 43.7795, -2.5373,
4.5552

■ 15.1179, 16.8133,
-55.1911

■ 47.1280, -2.9505,
8.2013

■ 50.5394, -3.2601,
11.7010

■ 54.0084, -3.4817,
15.0798

■ 57.5309, -3.6277,
18.3584

Harmonies

Analogous

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



28.2436, -6.0863, -16.6966



28.2431, 1.9467, -17.2489



28.2436, 9.8669, -11.8335

Triad

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



28.2436, 1.9466, -17.2482



28.2436, 11.0189, 9.8623



28.2436, -14.9547, 5.6784

Complementary

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



28.2431, 1.9467, -17.2489



36.8751, -2.0470, 14.6449

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.



28.2436, -11.3272, 10.4782



28.2431, 1.9467, -17.2489



28.2436, 3.3808, 12.3799

Square

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



28.2436, 1.9466, -17.2482



28.2436, 15.4897, 4.5634



28.2436, -4.8052, 12.5677



28.2436, -15.2457, -1.8656

Rectangle

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



28.2431, 1.9467, -17.2489



28.2436, 13.7759, -6.2720



28.2436, -4.8052, 12.5677



28.2436, -14.1058, 7.6050

Sweetspot

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



28.2436, 1.9466, -17.2482



49.7141, -1.8126, -4.0372



38.1644, -16.2670, 3.8842



23.9080, -0.7942, -2.4652



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.



28.2436, 1.9466, -17.2482



33.6212, 4.8623, -30.4167



25.6524, 10.9667, -22.1908



19.3351, -0.8332, -0.6429



15.9259, 18.0644, -58.9018



33.3209, 45.3096, -139.4586

Inverse Universe

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



28.3874, 16.3731, 2.3286



34.3219, 27.5888, 3.9025



39.8407, -11.3892, 16.9074



19.2766, 0.7264, 1.0062



20.6882, 35.9763, 9.1271



45.5304, 78.9050, 22.1902

Previews

White Background



This preview shows how the HunterLab color 28.2431, 1.9467, -17.2489 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 28.2431, 1.9467, -17.2489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

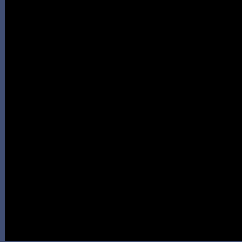
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

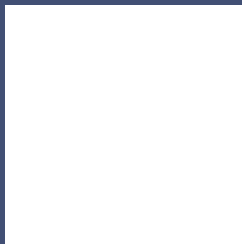
Any Text WCAG AAA × Fail

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

HunterLab 28.2431, 1.9467, -17.2489 Background



This preview shows how black text looks on a background with the HunterLab color 28.2431, 1.9467, -17.2489.



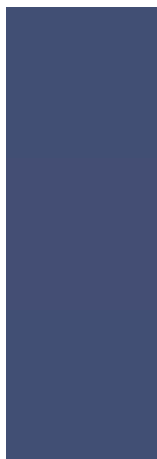
This preview shows how white text looks on a background with the HunterLab color 28.2431, 1.9467, -17.2489.

-17.2489.

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

28.2431, 1.9467, -17.2489

Protanopia

28.1757, 3.0261, -17.3546

Deuteranopia

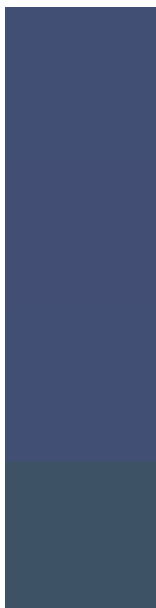
28.2431, 1.9467, -17.2489



Tritanopia

28.2763, -6.5347, -3.4438

Trichromacy



Original Color

28.2431, 1.9467, -17.2489

Protanomaly

28.1123, 2.8157, -17.4757

Deuteranomaly

28.2431, 1.9467, -17.2489

Tritanomaly

28.1900, -3.4760, -8.0480

Monochromacy



Original Color

28.2431, 1.9467, -17.2489

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

27.9652, -0.7365, -4.2477

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.2431, 1.9467, -17.2489 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(65, 79, 116)` looks like.

```
.text, #text, p{  
    color:rgb(65, 79, 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(65, 79, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 79, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 28.2431, 1.9467, -17.2489 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(65, 79, 116) }
```


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

```
.border{ border-color:rgb(65, 79, 116) }
```

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

Here you see how a box with a 4 pixel rgb(65, 79, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 79, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 79, 116);  
box-shadow:4px 4px 4px 4px rgb(65, 79,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.2431, 1.9467, -17.2489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 79, 116) }
```

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

```
.background{ background-color: rgb(65, 79,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor