

Converting Colors

HunterLab(28.7305, -7.7735,
4.5291)

Have a look what the booklet for
HunterLab(28.7305, -7.7735, 4.5291)
contains.

HunterLab(28.6478, -7.5460, 4.4751)	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(28.6478, -7.5460,
4.4751)**

Conversions

Conversions Part 1

Format	Color
Hex	445549
RGB	68, 85, 73
RGB Percent	27%, 33%, 29%
CMY	0.7333, 0.6667, 0.7137
CMYK	0.20, 0.00, 0.14, 0.67
HSL	138°, 11%, 30%
HSV	138°, 20%, 33%
XYZ	6.8350, 8.2070, 7.5272
YIQ	78.5490, -6.2800, -7.3360

Conversions

Conversions Part 2

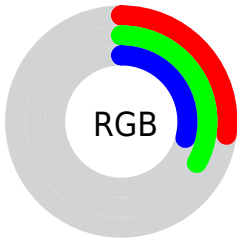
Format	Color
RYB	68, 81, 85
Decimal	4478281
CIELab	34.41, -9.36, 4.83
CIELCh	34, 10.536, 152.705
Yxy	8.2073, 0.3028, 0.3636
Android (android.graphics.Color)	4282668361 (0xFF445549)
YUV	78.5490, -2.7357, -9.2515
Hunter-Lab	28.6478, -7.5460, 4.4751

Details

The HunterLab color $[28.6478, -7.5460, 4.4751]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[25.7777, 5.1731, -1.4822]$, and the grayscale version is $[27.8111, -1.4839, 1.5110]$.

A 20% lighter version of the original color is $[47.3773, -9.8964, 5.9784]$, and $[13.4182, -5.4266, 3.0370]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.0138, -10.1863, 5.8447]$, and if you desaturate by 10%, it is $[29.3580, -4.6788, 3.0691]$.

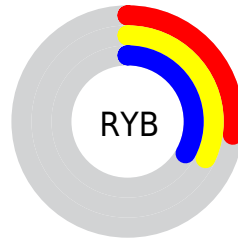
Distribution



Red (27%)

Green (33%)

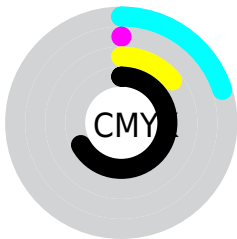
Blue (29%)



Red (27%)

Yellow (32%)

Blue (33%)

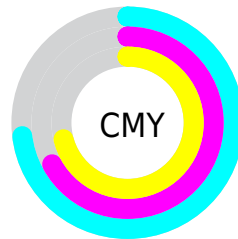


Cyan (20%)

Magenta (0%)

Yellow (14%)

Black (67%)



Cyan (73%)

Magenta (67%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.6478, -7.5460, 4.4751 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 28.6478, -7.5460, 4.4751 by changing the saturation by 10% instead.

■ 28.6478, -7.5460,
4.4751

■ 28.6478, -7.5460,
4.4751

■ 133.1725,
-17.4378, 12.2944

■ 20.5618, -6.4269,
3.6937

■ 47.2904, -9.7249,
6.0762

■ 13.4233, -5.2569,
2.9123

■ 57.7146, -10.8058,
6.9028

■ 6.9880, -6.2118,
3.2464

■ 68.8089, -11.8892,
7.7493

0.0000, NaN, NaN

■ 80.5350, -12.9788,
8.6164

0.0000, NaN, NaN

■ 92.8606, -14.0769,
9.5044

0.0000, NaN, NaN

■ 105.7577,

0.0000, NaN, NaN

-15.1853, 10.4135

0.0000, NaN, NaN

119.2022,
-16.3053, 11.3435

■ 28.6478, -7.5460,
4.4751

■ 28.6478, -7.5460,
4.4751

■ 28.0138, -10.1863,
5.8447

■ 29.3580, -4.6788,
3.0691

■ 27.4555, -12.5740,
7.1639

■ 30.1406, -1.6086,
1.6378

■ 26.9740, -14.6886,
8.4195

■ 30.9936, 1.6381,
0.1925

■ 26.5690, -16.5138,
9.5985

■ 31.9143, 5.0365,
-1.2573

■ 26.2389, -18.0398,
10.6883

■ 32.8996, 8.5631,
-2.7035

■ 25.9808, -19.2645,
11.6780

■ 33.9463, 12.1965,
-4.1396

■ 25.7897, -20.1987,
12.5579

■ 35.0511, 15.9179,
-5.5603

■ 25.6271, -20.9976,
13.2960

■ 36.2109, 19.7106,
-6.9618

■ 37.4223, 23.5605,
-8.3414

Harmonies

Analogous

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



28.6484, -5.2512, 6.6614



28.6478, -7.5460, 4.4751



28.6484, -8.2562, 1.2402

Triad

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



28.6484, -7.5466, 4.4755



28.6484, -1.1957, -6.0055



28.6484, 4.6655, 4.9607

Complementary

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



28.6478, -7.5460, 4.4751



25.7777, 5.1731, -1.4822

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.



28.6484, 5.8801, 1.8750



28.6478, -7.5460, 4.4751



28.6484, 2.3911, -4.6972

Square

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



28.6484, -7.5466, 4.4755



28.6484, -4.7009, -5.0847



28.6484, 5.0278, -1.6996



28.6484, 1.7848, 6.9157

Rectangle

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



28.6478, -7.5460, 4.4751



28.6484, -7.7653, -1.1601



28.6484, 5.0278, -1.6996



28.6484, 5.2886, 4.0360

Sweetspot

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



28.6484, -7.5466, 4.4755



38.7095, -4.6134, 3.2994



29.3738, -5.1232, 6.9715



19.5775, -2.4010, 1.7009



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



28.6484, -7.5466, 4.4755



36.9964, -11.5427, 6.7066



28.8533, -6.3853, 1.5422



15.2975, -2.2446, 1.5057



32.6157, -26.8561, 17.2079



77.2124, -64.2232, 42.1307

Inverse Universe

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



25.7777, 5.1731, -1.4822



32.3850, 8.9149, -2.8595



25.5528, 3.9932, 1.7150



14.6319, 0.6995, 0.1237



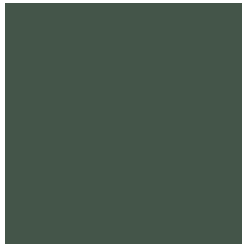
19.1005, 35.4130, -8.6101



45.0919, 83.2946, -17.9421

Previews

White Background



This preview shows how the HunterLab color 28.6478, -7.5460, 4.4751 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 28.6478, -7.5460, 4.4751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

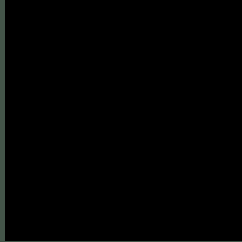
Any Text WCAG AA × Fail

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 28.6478, -7.5460, 4.4751 Background



This preview shows how black text looks on a background with the HunterLab color 28.6478, -7.5460, 4.4751.

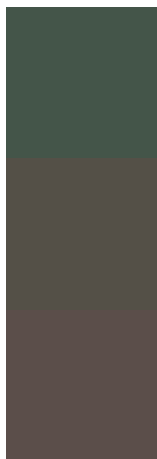


This preview shows how white text looks on a background with the HunterLab color 28.6478, -7.5460, 4.4751.

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

28.6478, -7.5460, 4.4751

Protanopia

28.4202, -1.6113, 5.0479

Deuteranopia

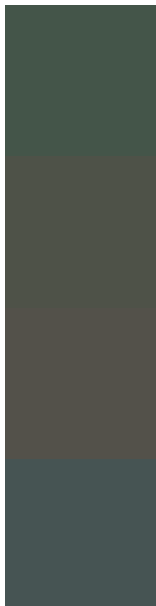
28.5786, 1.6715, 4.1986



Tritanopia

28.7182, -3.6715, -1.8806

Trichromacy



Original Color

28.6478, -7.5460, 4.4751

Protanomaly

28.4994, -3.9711, 4.7370

Deuteranomaly

28.6675, -1.9389, 4.2319

Tritanomaly

28.7529, -5.2627, 0.7502

Monochromacy



Original Color

28.6478, -7.5460, 4.4751

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.1363, -3.6648, 2.4780

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.6478, -7.5460, 4.4751 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(68, 85, 73)` looks like.

```
.text, #text, p{  
    color:rgb(68, 85, 73)  
}
```

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(68, 85, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 85, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 28.6478, -7.5460, 4.4751 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(68, 85, 73) }
```


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

```
.border{ border-color:rgb(68, 85, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 85, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 85, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 85, 73);  
box-shadow:4px 4px 4px 4px rgb(68, 85, 73)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.6478, -7.5460, 4.4751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 85, 73) }
```

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

```
.background{ background-color: rgb(68, 85,  
73) }
```

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