

Converting Colors

HunterLab(27.6843, -2.5273,
1.1524)

Have a look what the booklet for
HunterLab(27.6843, -2.5273, 1.1524)
contains.

HunterLab(27.6629, -2.5383, 1.1469)	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(27.6629, -2.5383,
1.1469)**

Conversions

Conversions Part 1

Format	Color
Hex	4B4F4F
RGB	75, 79, 79
RGB Percent	29%, 31%, 31%
CMY	0.7059, 0.6902, 0.6902
CMYK	0.05, 0.00, 0.00, 0.69
HSL	180°, 3%, 30%
HSV	180°, 5%, 31%
XYZ	7.1089, 7.6524, 8.4996
YIQ	77.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

Format	Color
R_YB	75, 77, 79
Decimal	4935503
CIE Lab	33.25, -1.61, -0.56
CIE LCh	33, 1.708, 199.291
Yxy	7.6527, 0.3056, 0.3290
Android (android.graphics.Color)	4283125583 (0xFF4B4F4F)
YUV	77.8040, 0.5896, -2.4591
Hunter-Lab	27.6629, -2.5383, 1.1469

Details

The HunterLab color $[27.6629, -2.5383, 1.1469]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[26.8377, -0.3365, 1.8248]$, and the grayscale version is $[27.5303, -1.4689, 1.4958]$.

A 20% lighter version of the original color is $[46.1324, -3.6256, 2.1163]$, and $[12.7072, -1.5955, 0.3829]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.1175, -4.4789, 0.4588]$, and if you desaturate by 10%, it is $[28.2689, -0.4329, 1.8958]$.

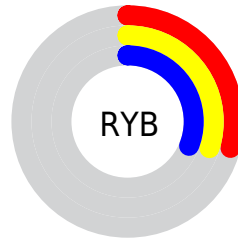
Distribution



Red (29%)

Green (31%)

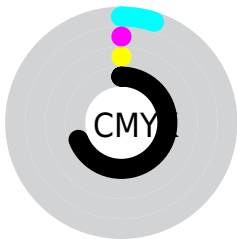
Blue (31%)



Red (29%)

Yellow (30%)

Blue (31%)

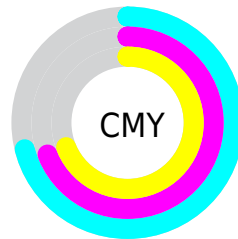


Cyan (5%)

Magenta (0%)

Yellow (0%)

Black (69%)



Cyan (71%)

Magenta (69%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.6629, -2.5383, 1.1469 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 27.6629, -2.5383, 1.1469 by changing the saturation by 10% instead.

■ 27.6629, -2.5383,
1.1469

■ 27.6629, -2.5383,
1.1469

■ 131.5226, -8.8182,
6.5590

■ 19.6813, -1.9969,
0.7508

■ 46.1245, -3.7249,
2.0864

■ 12.6612, -1.4899,
0.4117

■ 56.4680, -4.3663,
2.6201

■ 5.9972, -1.4919,
-0.0636

■ 67.4865, -5.0382,
3.1924

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.1409, -5.7395,
3.8007

0.0000, NaN, NaN

■ 91.3983, -6.4691,
4.4431

0.0000, NaN, NaN

104.2304, -7.2260,

0.0000, NaN, NaN

117.6124, -8.0093,
5.8236

■ 27.6629, -2.5383,
1.1469

■ 27.6629, -2.5383,
1.1469

■ 27.1175, -4.4789,
0.4588

■ 28.2689, -0.4329,
1.8958

■ 26.6321, -6.2386,
-0.1649

■ 28.9326, 1.8240,
2.6992

■ 26.2075, -7.8058,
-0.7196

■ 29.6526, 4.2161,
3.5519

■ 25.8436, -9.1708,
-1.2022

■ 30.4271, 6.7280,
4.4488

■ 25.5397, -10.3274,
-1.6105

■ 31.2540, 9.3448,
5.3847

■ 25.2940, -11.2735,
-1.9441

■ 32.1310, 12.0525,
6.3547

■ 25.1040, -12.0119,
-2.2041

■ 33.0557, 14.8385,
7.3545

■ 24.9664, -12.5509,
-2.3934

■ 34.0260, 17.6911,
8.3799

■ 24.8629, -12.9587,
-2.5363

■ 35.0393, 20.6002,
9.4274

Harmonies

Analogous

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



27.6635, -2.5821, 1.7053



27.6629, -2.5383, 1.1469



27.6635, -2.2127, 0.6762

Triad

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



27.6635, -2.5389, 1.1473



27.6635, -0.6134, 0.7935



27.6635, -1.2667, 2.5441

Complementary

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



27.6629, -2.5383, 1.1469



26.8377, -0.3365, 1.8248

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.



27.6635, -0.7346, 2.3105



27.6629, -2.5383, 1.1469



27.6635, -0.3554, 1.3048

Square

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



27.6635, -2.5389, 1.1473



27.6635, -1.1022, 0.4690



27.6635, -0.3999, 1.8595



27.6635, -1.8509, 2.5040

Rectangle

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



27.6629, -2.5383, 1.1469



27.6635, -1.8771, 0.4785



27.6635, -0.3999, 1.8595



27.6635, -1.0757, 2.4952

Sweetspot

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



27.6635, -2.5389, 1.1473



36.2892, -2.5093, 1.7799



27.5660, -3.0873, 2.6144



18.1225, -1.2224, 0.8992



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



27.6635, -2.5389, 1.1473



35.9754, -3.6108, 1.3887



27.1620, -1.7175, 0.5594



13.8248, -1.3690, 0.5399



32.3441, -17.1538, -3.3973



78.7380, -41.7600, -8.2678

Inverse Universe

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



26.8377, -0.3365, 1.8248



34.6569, -0.0936, 2.4705



27.3295, -1.1664, 2.3784



13.3329, -0.0568, 0.9435



16.8073, 28.7834, 10.8572



40.9152, 70.0689, 26.4354

Previews

White Background



This preview shows how the HunterLab color 27.6629, -2.5383, 1.1469 looks on a white background.

Color Contrast Check

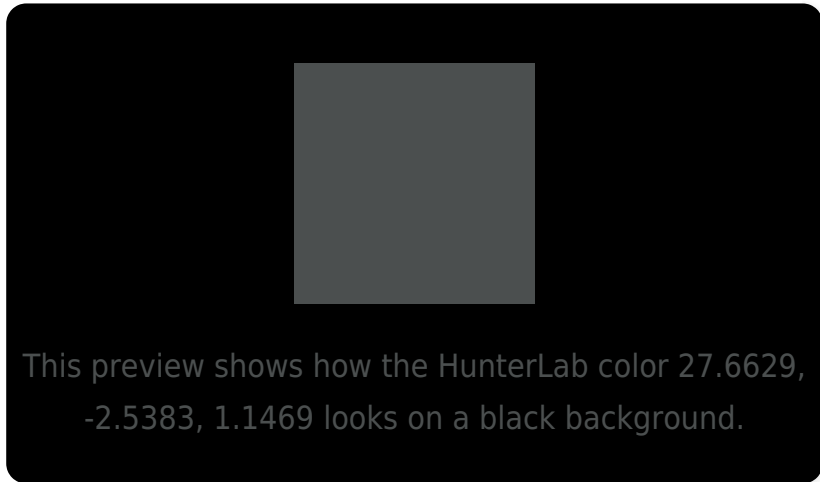
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

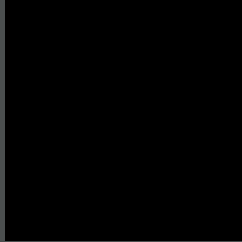
Any Text WCAG AA × Fail

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 27.6629, -2.5383, 1.1469 Background



This preview shows how black text looks on a background with the HunterLab color 27.6629, -2.5383, 1.1469.

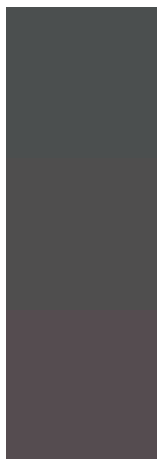


This preview shows how white text looks on a background with the HunterLab color 27.6629, -2.5383, 1.1469.

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

27.6629, -2.5383, 1.1469

Protanopia

27.6787, -1.2053, 1.5948

Deuteranopia

27.7117, 1.6099, 0.8662



Tritanopia

27.6141, -1.1037, -1.0124

Trichromacy



Original Color

27.6629, -2.5383, 1.1469

Protanomaly

27.6017, -1.4728, 1.4997

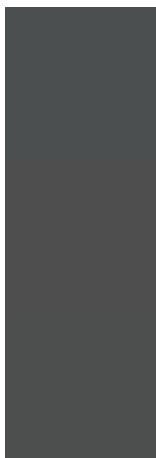
Deuteranomaly

27.6338, 0.0558, 0.7452

Tritanomaly

27.5581, -1.4100, -0.2178

Monochromacy



Original Color

27.6629, -2.5383, 1.1469

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

27.5257, -1.7376, 1.4054

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.6629, -2.5383, 1.1469 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, 79, 79)` looks like.

```
.text, #text, p{  
    color:rgb(75, 79, 79)  
}
```

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, 79, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 79, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 27.6629, -2.5383, 1.1469 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, 79, 79) }
```


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

```
.border{ border-color:rgb(75, 79, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 79, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 79, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 79, 79);  
box-shadow:4px 4px 4px 4px rgb(75, 79, 79)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.6629, -2.5383, 1.1469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 79, 79) }
```

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

```
.background{ background-color: rgb(75, 79,  
79) }
```

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