

Converting Colors

HunterLab(27.7307, -0.4696,
-2.6575)

Have a look what the booklet for
HunterLab(27.7307, -0.4696,
-2.6575) contains.

HunterLab(27.7306, -0.4683, -2.6605)	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(27.7306, -0.4683,
-2.6605)**

Conversions

Conversions Part 1

Format	Color
Hex	4C4E58
RGB	76, 78, 88
RGB Percent	30%, 31%, 35%
CMY	0.7020, 0.6941, 0.6549
CMYK	0.14, 0.11, 0.00, 0.65
HSL	230°, 7%, 32%
HSV	230°, 14%, 35%
XYZ	7.4663, 7.6899, 10.3233
YIQ	78.5420, -4.4020, 2.6860

Conversions

Conversions Part 2

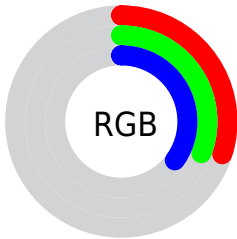
Format	Color
RYB	76, 78, 88
Decimal	5000792
CIELab	33.33, 1.51, -6.15
CIELCh	33, 6.331, 283.837
Yxy	7.6902, 0.2930, 0.3018
Android (android.graphics.Color)	4283190872 (0xFF4C4E58)
YUV	78.5420, 4.6628, -2.2293
Hunter-Lab	27.7306, -0.4683, -2.6605

Details

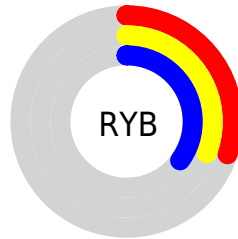
The HunterLab color $[27.7306, -0.4683, -2.6605]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[30.4171, -2.4282, 5.3723]$, and the grayscale version is $[27.7823, -1.4824, 1.5095]$.

A 20% lighter version of the original color is $[46.2317, -1.2368, -2.3702]$, and $[12.7497, 0.1409, -2.7695]$ is the 20% darker color. If you saturate the color by 10%, you get $[25.2380, 0.5490, -6.1285]$, and if you desaturate by 10%, it is $[30.2925, -1.3660, 0.5716]$.

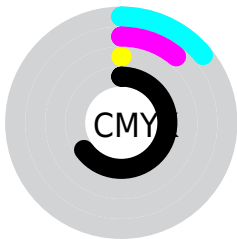
Distribution



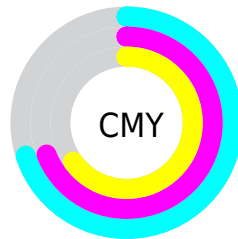
- Red (30%)
- Green (31%)
- Blue (35%)



- Red (30%)
- Yellow (31%)
- Blue (35%)



- Cyan (14%)
- Magenta (11%)
- Yellow (0%)
- Black (65%)



- Cyan (70%)
- Magenta (69%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.7306, -0.4683, -2.6605 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 27.7306, -0.4683, -2.6605 by changing the saturation by 10% instead.

■ 27.7306, -0.4683,
-2.6605

■ 27.7306, -0.4683,
-2.6605

■ 131.6364, -5.3373,
0.4726

■ 19.7417, -0.1489,
-2.7155

■ 46.2048, -1.2702,
-2.3280

■ 12.7134, 0.1053,
-2.6801

■ 56.5538, -1.7403,
-2.0692

■ 6.0709, 0.7626,
-3.8672

■ 67.5776, -2.2515,
-1.7570

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.2370, -2.8008,
-1.3958

0.0000, NaN, NaN

■ 91.4991, -3.3859,
-0.9894

0.0000, NaN, NaN

0.0000, NaN, NaN

104.3357, -4.0047,

-0.5409

0.0000, NaN, NaN

117.7220, -4.6557,
-0.0528

■ 27.7306, -0.4683,
-2.6605

■ 27.7306, -0.4683,
-2.6605

■ 25.2380, 0.5490,
-6.1285

■ 30.2925, -1.3660,
0.5716

■ 22.8225, 1.7167,
-9.8921

■ 32.9144, -2.1651,
3.6127

■ 20.4973, 3.0711,
-14.0220

■ 35.5908, -2.8842,
6.5000

■ 18.2790, 4.6575,
-18.6021

■ 38.3169, -3.5372,
9.2626

■ 16.1900, 6.5285,
-23.7208

■ 41.0887, -4.1352,
11.9238

■ 14.2604, 8.7364,
-29.4461

■ 43.9027, -4.6871,
14.5020

■ 12.5308, 11.3095,
-35.7650

■ 46.7561, -5.2001,
17.0122

■ 11.0369, 14.1679,
-42.5483

■ 49.6465, -5.6800,
19.4665

■ 10.1841, 15.9664,
-47.1960

■ 52.5717, -6.1315,
21.8746

Harmonies

Analogous

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



27.7312, -2.6415, -2.6117



27.7306, -0.4683, -2.6605



27.7312, 1.4903, -1.5321

Triad

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



27.7312, -0.4688, -2.6600



27.7312, 1.6161, 4.1383



27.7312, -5.4036, 2.5996

Complementary

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



27.7306, -0.4683, -2.6605



30.4171, -2.4282, 5.3723

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.



27.7312, -4.3325, 4.2413



27.7306, -0.4683, -2.6605



27.7312, -0.3014, 5.0815

Square

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



27.7312, -0.4688, -2.6600



27.7312, 2.7189, 2.4487



27.7312, -2.4792, 5.1177



27.7312, -5.4453, 0.5362

Rectangle

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



27.7306, -0.4683, -2.6605



27.7312, 2.3929, -0.3119



27.7312, -2.4792, 5.1177



27.7312, -5.1535, 3.2152

Sweetspot

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



27.7312, -0.4688, -2.6600



39.8873, -1.7507, 0.5501



30.3063, -5.0808, 1.4440



19.9830, -0.8502, 0.1627



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



27.7312, -0.4688, -2.6600



35.7066, -0.2484, -4.8094



27.5143, 1.3979, -2.9165



14.5210, -0.4610, -0.5301



12.2138, 20.6162, -59.7706



27.2659, 54.8527, -152.4913

Inverse Universe

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



27.9174, 2.1948, 1.9327



36.0202, 4.0121, 2.6484



30.6520, -4.3255, 5.5859



14.5761, 0.3991, 0.9178



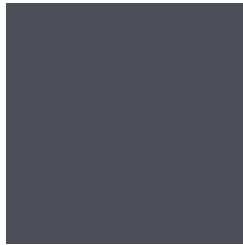
17.8192, 30.7584, 9.6342



42.1206, 72.4826, 24.5064

Previews

White Background



This preview shows how the HunterLab color 27.7306, -0.4683, -2.6605 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 27.7306, -0.4683, -2.6605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

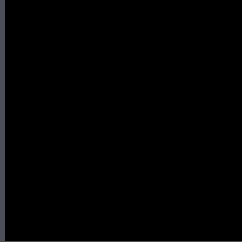
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

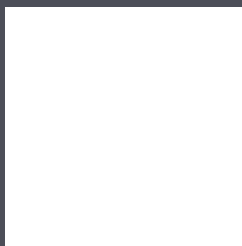
Any Text WCAG AAA × Fail

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

HunterLab 27.7306, -0.4683, -2.6605 Background



This preview shows how black text looks on a background with the HunterLab color 27.7306, -0.4683, -2.6605.



This preview shows how white text looks on a background with the HunterLab color 27.7306, -0.4683, -2.6605.

-2.6605.

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

27.7306, -0.4683, -2.6605

Protanopia

27.8049, -0.2128, -2.5575

Deuteranopia

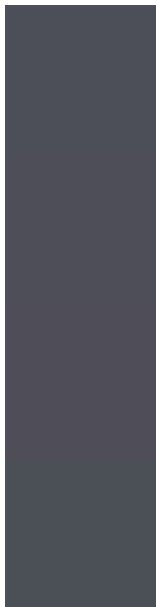
27.6094, 1.7191, -2.7835



Tritanopia

27.8275, -1.6327, -1.1927

Trichromacy



Original Color

27.7306, -0.4683, -2.6605

Protanomaly

27.8049, -0.2128, -2.5575

Deuteranomaly

27.7031, 0.7452, -2.6759

Tritanomaly

27.8562, -1.4751, -1.5998

Monochromacy



Original Color

27.7306, -0.4683, -2.6605

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

27.9658, -1.3190, 0.2854

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.7306, -0.4683, -2.6605 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(76, 78, 88)` looks like.

```
.text, #text, p{  
    color:rgb(76, 78, 88)  
}
```

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(76, 78, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 78, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 27.7306, -0.4683, -2.6605 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(76, 78, 88) }
```


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

```
.border{ border-color:rgb(76, 78, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 78, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 78, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 78, 88);  
box-shadow:4px 4px 4px 4px rgb(76, 78, 88)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.7306, -0.4683, -2.6605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 78, 88) }
```

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

```
.background{ background-color: rgb(76, 78,  
88) }
```

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