

Converting Colors

HunterLab(28.7415, 4.6464,
-14.4361)

Have a look what the booklet for
HunterLab(28.7415, 4.6464,
-14.4361) contains.

HunterLab(28.7415, 4.6464, -14.4361)	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(28.7415, 4.6464,
-14.4361)**

Conversions

Conversions Part 1

Format	Color
Hex	4E4E71
RGB	78, 78, 113
RGB Percent	31%, 31%, 44%
CMY	0.6941, 0.6941, 0.5569
CMYK	0.31, 0.31, 0.00, 0.56
HSL	240°, 18%, 37%
HSV	240°, 31%, 44%
XYZ	8.8469, 8.2607, 16.7510
YIQ	81.9900, -11.2350, 10.8850

Conversions

Conversions Part 2

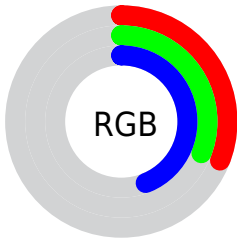
Format	Color
R_{YB}	78, 78, 113
Decimal	5131889
CIE _{Lab}	34.52, 8.84, -20.06
CIE _{LCh}	35, 21.922, 293.775
Yxy	8.2611, 0.2613, 0.2440
Android (android.graphics.Color)	4283321969 (0xFF4E4E71)
YUV	81.9900, 15.2879, -3.4992
Hunter-Lab	28.7415, 4.6464, -14.4361

Details

The HunterLab color $[28.7415, 4.6464, -14.4361]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[39.8386, -6.5841, 13.7057]$, and the grayscale version is $[28.9937, -1.5470, 1.5753]$.

A 20% lighter version of the original color is $[47.4179, 4.6653, -15.2095]$, and $[13.5380, 4.2849, -13.4850]$ is the 20% darker color. If you saturate the color by 10%, you get $[25.2071, 7.3297, -21.0862]$, and if you desaturate by 10%, it is $[32.4440, 2.2408, -8.5191]$.

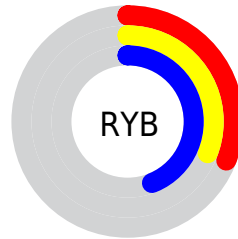
Distribution



Red (31%)

Green (31%)

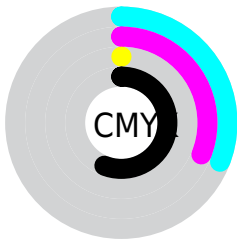
Blue (44%)



Red (31%)

Yellow (31%)

Blue (44%)

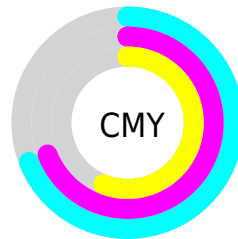


Cyan (31%)

Magenta (31%)

Yellow (0%)

Black (56%)



Cyan (69%)

Magenta (69%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7415, 4.6464, -14.4361 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 28.7415, 4.6464, -14.4361 by changing the saturation by 10% instead.

■ 28.7415, 4.6464,
-14.4361

■ 28.7415, 4.6464,
-14.4361

■ 133.3287, 2.9255,
-15.9435

■ 20.6457, 4.4879,
-13.9706

■ 47.4011, 4.6886,
-15.2036

■ 13.4960, 4.2107,
-13.5119

■ 57.8329, 4.5988,
-15.4889

■ 7.0744, 5.0657,
-14.4872

■ 68.9343, 4.4466,
-15.7092

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 80.6671, 4.2380,
-15.8673

0.0000, NaN, NaN

■ 92.9991, 3.9780,
-15.9666

0.0000, NaN, NaN

105.9024, 3.6704,

0.0000, NaN, NaN

-16.0103

0.0000, NaN, NaN

119.3528, 3.3187,
-16.0017

■ 28.7415, 4.6464,
-14.4361

■ 28.7415, 4.6464,
-14.4361

■ 25.2071, 7.3297,
-21.0862

■ 32.4440, 2.2408,
-8.5191

■ 21.8782, 10.3692,
-28.6753

■ 36.2853, 0.0493,
-3.1681

■ 18.8121, 13.8406,
-37.4046

■ 40.2458, -1.9783,
1.7489

■ 16.0906, 17.7671,
-47.3408

■ 44.3104, -3.8802,
6.3315

■ 13.8282, 21.9888,
-58.0795

■ 48.4677, -5.6847,
10.6546

■ 12.1637, 25.9530,
-68.2019

■ 52.7084, -7.4138,
14.7752

■ 10.9192, 29.6178,
-77.5842

■ 57.0254, -9.0837,
18.7364

■ 61.4126, -10.7073,
22.5717

■ 65.8650, -12.2944,
26.3071

Harmonies

Analogous

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



28.7421, -3.1148, -16.1371



28.7415, 4.6464, -14.4361



28.7421, 11.3360, -8.0069

Triad

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



28.7421, 4.6461, -14.4354



28.7421, 7.6960, 10.7267



28.7421, -14.7590, 3.0426

Complementary

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



28.7415, 4.6464, -14.4361



39.8386, -6.5841, 13.7057

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.



28.7421, -12.4767, 8.6732



28.7415, 4.6464, -14.4361



28.7421, 0.0793, 12.2975

Square

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



28.7421, 4.6461, -14.4354



28.7421, 13.2218, 6.6586



28.7421, -7.2345, 11.6589



28.7421, -13.8089, -4.6756

Rectangle

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



28.7415, 4.6464, -14.4361



28.7421, 14.0161, -2.6317



28.7421, -7.2345, 11.6589



28.7421, -14.3528, 5.2101

Sweetspot

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



28.7421, 4.6461, -14.4354



49.4624, -0.4179, -3.0627



38.2221, -10.8707, -0.6060



23.4957, -0.0463, -1.8488



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



28.7421, 4.6461, -14.4354



35.1158, 8.6923, -25.4438



30.1160, 9.0330, -12.0417



18.1672, -0.1783, -1.0608



11.6295, 31.5444, -82.6311



25.9559, 70.4048, -184.4263

Inverse Universe

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



30.8380, 9.1830, 5.3046



38.6521, 15.9847, 8.1485



38.5381, -11.3362, 12.4591



18.4432, 0.4809, 1.4930



19.9558, 34.1750, 12.8949



44.5397, 76.2756, 28.7804

Previews

White Background



This preview shows how the HunterLab color 28.7415, 4.6464, -14.4361 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 28.7415, 4.6464, -14.4361 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 28.7415, 4.6464, -14.4361 Background



This preview shows how black text looks on a background with the HunterLab color 28.7415, 4.6464, -14.4361.



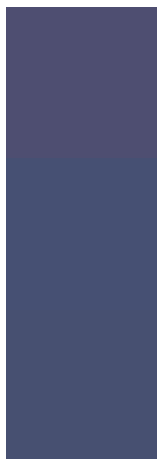
This preview shows how white text looks on a background with the HunterLab color 28.7415, 4.6464, -14.4361.

-14.4361.

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

28.7415, 4.6464, -14.4361

Protanopia

28.7702, 2.3207, -15.6571

Deuteranopia

28.7562, 2.1155, -14.4549



Tritanopia

28.8518, -3.1982, -1.6997

Trichromacy



Original Color

28.7415, 4.6464, -14.4361

Protanomaly

28.6764, 3.2294, -15.1879

Deuteranomaly

28.7055, 3.2470, -14.5231

Tritanomaly

28.7447, -0.3220, -6.1277

Monochromacy



Original Color

28.7415, 4.6464, -14.4361

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

29.0250, 0.3212, -3.2636

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7415, 4.6464, -14.4361 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(78, 78, 113)` looks like.

```
.text, #text, p{  
    color:rgb(78, 78, 113)  
}
```

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(78, 78, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 78, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7415, 4.6464, -14.4361 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(78, 78, 113) }
```


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

```
.border{ border-color:rgb(78, 78, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 78, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 78, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 78, 113);  
box-shadow:4px 4px 4px 4px rgb(78, 78,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.7415, 4.6464, -14.4361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 78, 113) }
```

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

```
.background{ background-color: rgb(78, 78,  
113) }
```

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