

Converting Colors

HunterLab(28.1472, 10.2831,
-14.8888)

Have a look what the booklet for
HunterLab(28.1472, 10.2831,
-14.8888) contains.

HunterLab(28.1575, 10.0723, -14.7513)	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(28.1575, 10.0723,
-14.7513)**

Conversions

Conversions Part 1

Format	Color
Hex	594870
RGB	89, 72, 112
RGB Percent	35%, 28%, 44%
CMY	0.6510, 0.7176, 0.5608
CMYK	0.21, 0.36, 0.00, 0.56
HSL	266°, 22%, 36%
HSV	266°, 36%, 44%
XYZ	9.3618, 7.9284, 16.3662
YIQ	81.6430, -2.7080, 16.0440

Conversions

Conversions Part 2

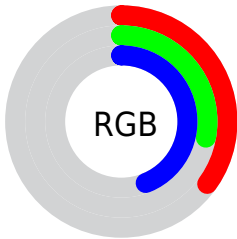
Format	Color
R_{YB}	89, 72, 112
Decimal	5851248
CIE _{Lab}	33.83, 16.11, -20.42
CIE _{LCh}	34, 26.009, 308.275
Yxy	7.9288, 0.2782, 0.2356
Android (android.graphics.Color)	4284041328 (0xFF594870)
YUV	81.6430, 14.9660, 6.4521
Hunter-Lab	28.1575, 10.0723, -14.7513

Details

The HunterLab color **28.1575, 10.0723, -14.7513** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **38.0648, -11.8256, 13.6983**, and the grayscale version is **28.8668, -1.5403, 1.5684**.

A 20% lighter version of the original color is **46.8300, 10.8743, -15.4199**, and **13.0112, 8.7224, -13.9328** is the 20% darker color. If you saturate the color by 10%, you get **25.1105, 13.7184, -20.4821**, and if you desaturate by 10%, it is **31.3751, 6.5300, -9.5207**.

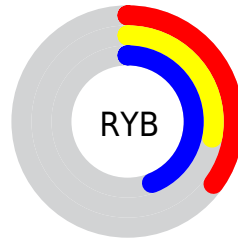
Distribution



Red (35%)

Green (28%)

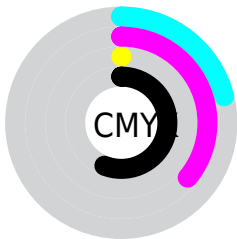
Blue (44%)



Red (35%)

Yellow (28%)

Blue (44%)

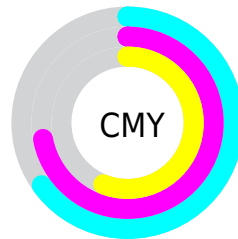


Cyan (21%)

Magenta (36%)

Yellow (0%)

Black (56%)



Cyan (65%)

Magenta (72%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.1575, 10.0723, -14.7513 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 28.1575, 10.0723, -14.7513 by changing the saturation by 10% instead.

■ 28.1575, 10.0723,
-14.7513

■ 28.1575, 10.0723,
-14.7513

■ 132.3526, 11.4229,
-16.3948

■ 20.1231, 9.4657,
-14.2773

■ 46.7105, 10.9232,
-15.5474

■ 13.0431, 8.7061,
-13.8244

■ 57.0947, 11.2029,
-15.8487

■ 6.5150, 10.4276,
-15.6173

■ 68.1514, 11.4012,
-16.0849

0.0000, NaN, -NF

■ 79.8420, 11.5268,
-16.2588

0.0000, NaN, NaN

■ 92.1338, 11.5866,
-16.3736

0.0000, NaN, NaN

104.9986, 11.5862,

0.0000, NaN, NaN

-16.4325

0.0000, NaN, NaN

118.4121, 11.5304,
-16.4386

■ 28.1575, 10.0723,
-14.7513

■ 28.1575, 10.0723,
-14.7513

■ 25.1105, 13.7184,
-20.4821

■ 31.3751, 6.5300,
-9.5207

■ 22.2680, 17.4511,
-26.7885

■ 34.7345, 3.0886,
-4.7092

■ 19.6779, 21.2017,
-33.6912

■ 38.2158, -0.2653,
-0.2391

■ 17.4004, 24.8069,
-41.0769

■ 41.8032, -3.5467,
3.9550

■ 15.5065, 27.9567,
-48.5682

■ 45.4844, -6.7701,
7.9265

■ 14.0051, 30.4242,
-55.7338

■ 49.2496, -9.9480,
11.7186

■ 13.3737, 31.6501,
-59.1651

■ 53.0907, -13.0913,
15.3657

■ 57.0014, -16.2089,
18.8953

■ 60.9761, -19.3080,
22.3296

Harmonies

Analogous

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



28.1581, 1.0373, -20.1857



28.1575, 10.0723, -14.7513



28.1581, 16.4983, -5.2881

Triad

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



28.1581, 10.0718, -14.7506



28.1581, 5.2118, 12.9599



28.1581, -16.7013, -0.9481

Complementary

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



28.1575, 10.0723, -14.7513



38.0648, -11.8256, 13.6983

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.



28.1581, -15.8795, 6.9841



28.1575, 10.0723, -14.7513



28.1581, -3.9582, 13.4638

Square

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



28.1581, 10.0718, -14.7506



28.1581, 13.4555, 9.9607



28.1581, -11.4672, 11.6565



28.1581, -13.8734, -10.7301

Rectangle

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



28.1575, 10.0723, -14.7513



28.1581, 18.0258, 1.0312



28.1581, -11.4672, 11.6565



28.1581, -16.8350, 2.0252

Sweetspot

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



28.1581, 10.0718, -14.7506



48.0608, 2.1137, -3.5699



32.8519, -4.6790, -7.5047



23.3298, 1.2561, -2.0444



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.



28.1581, 10.0718, -14.7506



33.9059, 17.4072, -25.8938



30.0583, 15.7377, -11.4400



18.3393, 0.4103, -0.8294



14.3338, 33.9820, -63.8759



31.2215, 75.0453, -147.0910

Inverse Universe

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



29.8429, 13.9597, -2.8764



36.7993, 23.5800, -4.9232



36.8318, -16.5157, 12.5367



18.5220, 0.9056, 0.3690



21.0023, 38.0077, -2.2478



46.6879, 84.1520, -2.3698

Previews

White Background



This preview shows how the HunterLab color 28.1575, 10.0723, -14.7513 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 28.1575, 10.0723, -14.7513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

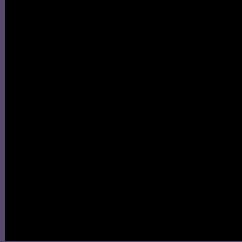
Any Text WCAG AA × Fail

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 28.1575, 10.0723, -14.7513 Background



This preview shows how black text looks on a background with the HunterLab color 28.1575, 10.0723, -14.7513.



This preview shows how white text looks on a background with the HunterLab color 28.1575, 10.0723, -14.7513.

-14.7513.

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

28.1575, 10.0723, -14.7513

Protanopia

28.1539, 3.0370, -18.0404

Deuteranopia

28.2929, 1.7133, -14.0513



Tritanopia

28.2377, 1.0331, -0.1930

Trichromacy



Original Color

28.1575, 10.0723, -14.7513

Protanomaly

28.1115, 5.2894, -16.7942

Deuteranomaly

28.0233, 4.6822, -14.4686

Tritanomaly

28.2054, 4.0699, -4.8090

Monochromacy



Original Color

28.1575, 10.0723, -14.7513

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

28.5839, 2.7246, -3.8198

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.1575, 10.0723, -14.7513 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(89, 72, 112)` looks like.

```
.text, #text, p{  
    color:rgb(89, 72, 112)  
}
```

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(89, 72, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 72, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 28.1575, 10.0723, -14.7513 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(89, 72, 112) }
```


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

```
.border{ border-color:rgb(89, 72, 112) }
```

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

Here you see how a box with a 4 pixel rgb(89, 72, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 72, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 72, 112);  
box-shadow:4px 4px 4px 4px rgb(89, 72,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.1575, 10.0723, -14.7513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 72, 112) }
```

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

```
.background{ background-color: rgb(89, 72,  
112) }
```

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