

Converting Colors

HunterLab(28.2466, -9.3822,
-15.0503)

Have a look what the booklet for
HunterLab(28.2466, -9.3822,
-15.0503) contains.

HunterLab(28.2599, -9.4545, -14.9130)	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(28.2599, -9.4545,
-14.9130)**

Conversions

Conversions Part 1

Format	Color
Hex	005770
RGB	0, 87, 112
RGB Percent	0%, 34%, 44%
CMY	1.0000, 0.6588, 0.5608
CMYK	1.00, 0.22, 0.00, 0.56
HSL	193°, 100%, 22%
HSV	193°, 100%, 44%
XYZ	6.3328, 7.9862, 16.5369
YIQ	63.8370, -59.8770, -10.6690

Conversions

Conversions Part 2

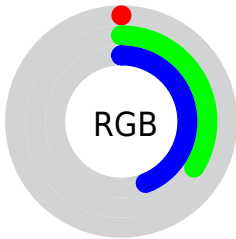
Format	Color
RYB	0, 49, 112
Decimal	22384
CIELab	33.95, -12.62, -20.58
CIELCh	34, 24.140, 238.485
Yxy	7.9865, 0.2052, 0.2588
Android (android.graphics.Color)	4278212464 (0xFF005770)
YUV	63.8370, 23.7444, -55.9850
Hunter-Lab	28.2599, -9.4545, -14.9130

Details

The HunterLab color **28.2599, -9.4545, -14.9130** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **20.3483, 26.0601, 12.9938**, and the grayscale version is **22.5223, -1.2017, 1.2237**.

A 20% lighter version of the original color is **46.8915, -12.0398, -15.7250**, and **14.2341, -2.9218, -11.4842** is the 20% darker color. If you saturate the color by 10%, you get **28.2595, -9.4538, -14.9140**, and if you desaturate by 10%, it is **29.1049, -9.9668, -13.4680**.

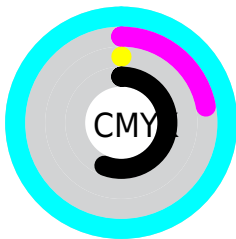
Distribution



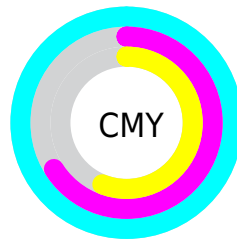
- Red (0%)
- Green (34%)
- Blue (44%)



- Red (0%)
- Yellow (19%)
- Blue (44%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (66%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.2599, -9.4545, -14.9130 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 28.2599, -9.4545, -14.9130 by changing the saturation by 10% instead.

■ 28.2599, -9.4545,
-14.9130

■ 28.2599, -9.4545,
-14.9130

■ 132.5240,
-20.8940, -16.5951

■ 20.2146, -8.0793,
-14.4368

■ 46.8316, -12.0646,
-15.7167

■ 13.1223, -6.6110,
-13.9833

■ 57.2242, -13.3347,
-16.0223

■ 6.6168, -8.6632,
-15.6410

■ 68.2887, -14.5945,
-16.2629

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 79.9868, -15.8498,
-16.4413

0.0000, NaN, NaN

■ 92.2856, -17.1047,
-16.5605

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.1572,

-18.3623, -16.6239

0.0000, NaN, NaN

118.5772,
-19.6248, -16.6345

28.2599, -9.4545,
-14.9130

28.2599, -9.4545,
-14.9130

28.2595, -9.4538,
-14.9140

29.1049, -9.9668,
-13.4680

29.9995, -10.3013,
-11.9913

30.9811, -10.3191,
-10.4268

32.0519, -10.0152,
-8.7817

33.2115, -9.3951,
-7.0661

■ 34.4584, -8.4721,
-5.2913

■ 35.7898, -7.2643,
-3.4686

■ 37.2022, -5.7926,
-1.6084

■ 38.6918, -4.0790,
0.2801

Harmonies

Analogous

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



28.2604, -14.3322, -6.7993



28.2599, -9.4545, -14.9130



28.2604, -1.9345, -18.4938

Triad

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



28.2604, -9.4543, -14.9125



28.2604, 16.4846, 1.1297



28.2604, -8.7963, 11.9725

Complementary

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



28.2599, -9.4545, -14.9130



20.3483, 26.0601, 12.9938

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.



28.2604, -1.0818, 12.9777



28.2599, -9.4545, -14.9130



28.2604, 14.1065, 7.9200

Square

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



28.2604, -9.4543, -14.9125



28.2604, 13.5935, -7.7123



28.2604, 7.4234, 11.7398



28.2604, -13.9846, 8.4394

Rectangle

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



28.2599, -9.4545, -14.9130



28.2604, 3.7872, -17.2199



28.2604, 7.4234, 11.7398



28.2604, -6.4426, 12.5622

Sweetspot

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



28.2604, -9.4543, -14.9125



47.2921, -9.7689, -4.7917



34.1403, -28.5731, 19.0099



22.8933, -5.0593, -2.7375



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.



28.2604, -9.4543, -14.9125



37.2073, -12.1864, -20.1991



14.7956, 15.5415, -52.0400



19.2225, -1.9287, 0.2316



30.3281, -10.0866, -16.1334



66.7046, -21.1430, -37.7334

Inverse Universe

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



20.3302, 38.1976, -13.1008



26.9103, 50.5070, -16.8917



30.3674, 3.1139, 18.7661



18.5509, 1.0606, -0.0414



21.8503, 41.0439, -13.9782



48.6308, 91.1196, -29.3333

Previews

White Background



This preview shows how the HunterLab color 28.2599, -9.4545, -14.9130 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 28.2599, -9.4545, -14.9130 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 28.2599, -9.4545, -14.9130 Background



This preview shows how black text looks on a background with the HunterLab color 28.2599, -9.4545, -14.9130.



This preview shows how white text looks on a background with the HunterLab color 28.2599, -9.4545, -14.9130.

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

28.2599, -9.4545, -14.9130

Protanopia

28.3708, 1.5977, -10.9862

Deuteranopia

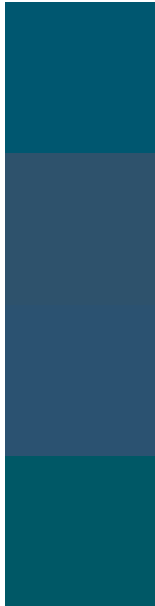
28.2846, 1.9228, -15.9081



Tritanopia

28.2653, -13.5709, -6.0336

Trichromacy



Original Color

28.2599, -9.4545, -14.9130

Protanomaly

27.7455, -4.4804, -13.2990

Deuteranomaly

27.8216, -3.8140, -16.2165

Tritanomaly

28.1758, -12.0059, -9.3001

Monochromacy



Original Color

28.2599, -9.4545, -14.9130

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

23.8751, -6.5152, -4.7340

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.2599, -9.4545, -14.9130 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(0, 87, 112)` looks like.

```
.text, #text, p{  
    color:rgb(0, 87, 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(0, 87, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 87, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 28.2599, -9.4545, -14.9130 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(0, 87, 112) }
```


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

```
.border{ border-color:rgb(0, 87, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 87, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 87, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 87, 112);  
box-shadow:4px 4px 4px 4px rgb(0, 87, 112)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.2599, -9.4545, -14.9130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 87, 112) }
```

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

```
.background{ background-color: rgb(0, 87,  
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