

Converting Colors

HunterLab(28.2876, -4.8946,
-24.7399)

Have a look what the booklet for
HunterLab(28.2876, -4.8946,
-24.7399) contains.

HunterLab(28.3360, -4.9929, -24.6393)	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(28.3360, -4.9929,
-24.6393)**

Conversions

Conversions Part 1

Format	Color
Hex	00557F
RGB	0, 85, 127
RGB Percent	0%, 33%, 50%
CMY	0.9999, 0.6667, 0.5020
CMYK	1.00, 0.33, 0.00, 0.50
HSL	200°, 100%, 25%
HSV	200°, 100%, 50%
XYZ	7.0793, 8.0293, 21.2553
YIQ	64.3730, -64.1420, -4.9580

Conversions

Conversions Part 2

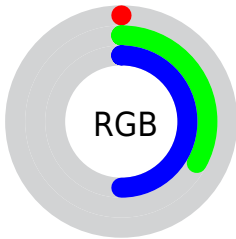
Format	Color
RYB	0, 51, 127
Decimal	21887
CIELab	34.04, -5.33, -29.74
CIElCh	34, 30.212, 259.831
Yxy	8.0295, 0.1947, 0.2208
Android (android.graphics.Color)	4278211967 (0xFF00557F)
YUV	64.3730, 30.8751, -56.4551
Hunter-Lab	28.3360, -4.9929, -24.6393

Details

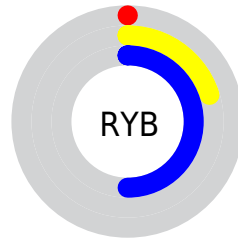
The HunterLab color **28.3360, -4.9929, -24.6393** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **24.8378, 25.3896, 15.7483**, and the grayscale version is **22.6864, -1.2105, 1.2326**.

A 20% lighter version of the original color is **46.7782, -6.5218, -26.0191**, and **14.3793, 1.3263, -20.8359** is the 20% darker color. If you saturate the color by 10%, you get **28.3348, -4.9909, -24.6422**, and if you desaturate by 10%, it is **29.6548, -6.2591, -21.9809**.

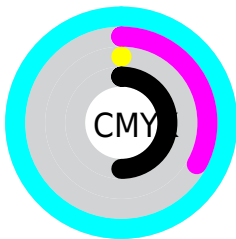
Distribution



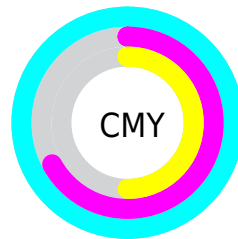
- Red (0%)
- Green (33%)
- Blue (50%)



- Red (0%)
- Yellow (20%)
- Blue (50%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (67%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.3360, -4.9929, -24.6393 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 28.3360, -4.9929, -24.6393 by changing the saturation by 10% instead.

■ 28.3360, -4.9929,
-24.6393

■ 28.3360, -4.9929,
-24.6393

■ 132.6513,
-12.9986, -28.4758

■ 20.2827, -4.1760,
-24.1481

■ 46.9216, -6.6514,
-25.7843

■ 13.1813, -3.3552,
-23.9601

■ 57.3204, -7.5027,
-26.3245

■ 6.6913, -3.8311,
-27.3712

■ 68.3908, -8.3714,
-26.8176

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 80.0943, -9.2584,
-27.2577

0.0000, NaN, NaN

■ 92.3984, -10.1645,
-27.6429

0.0000, NaN, NaN

■ 105.2751,

0.0000, NaN, NaN

-11.0898, -27.9734

0.0000, NaN, NaN

118.6999,
-12.0345, -28.2505

28.3360, -4.9929,
-24.6393

28.3360, -4.9929,
-24.6393

28.3348, -4.9909,
-24.6422

29.6548, -6.2591,
-21.9809

31.0544, -7.2591,
-19.3266

32.5695, -7.8633,
-16.6203

34.1985, -8.0759,
-13.8791

35.9373, -7.9147,
-11.1205

■ 37.7804, -7.4048,
-8.3599

■ 39.7216, -6.5747,
-5.6092

■ 41.7547, -5.4543,
-2.8776

■ 43.8733, -4.0723,
-0.1711

Harmonies

Analogous

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



28.3365, -13.4017, -17.4201



28.3360, -4.9929, -24.6393



28.3365, 5.6699, -23.1414

Triad

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



28.3365, -4.9925, -24.6387



28.3365, 20.1021, 7.3175



28.3365, -15.3560, 11.3487

Complementary

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



28.3360, -4.9929, -24.6393



24.8378, 25.3896, 15.7483

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.



28.3365, -8.0457, 14.3184



28.3360, -4.9929, -24.6393



28.3365, 12.7291, 12.6476

Square

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



28.3365, -4.9925, -24.6387



28.3365, 21.2360, -2.0643



28.3365, 2.1419, 14.6865



28.3365, -18.7811, 4.7297

Rectangle

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



28.3360, -4.9929, -24.6393



28.3365, 12.6204, -17.5376



28.3365, 2.1419, 14.6865



28.3365, -13.3260, 12.6867

Sweetspot

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



28.3365, -4.9925, -24.6387



52.9621, -8.8925, -7.7730



39.1583, -32.1667, 20.4956



25.1748, -4.5112, -4.3927



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



28.3365, -4.9925, -24.6387



37.5464, -6.1054, -33.7499



14.6869, 24.6543, -71.5750



21.5746, -1.9282, 0.0329



28.4507, -5.0051, -24.7564

0.0000, NaN, NaN

Inverse Universe

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



22.7339, 41.8135, -7.6739



30.3745, 55.7905, -9.6219



37.8899, -1.8854, 23.3138



20.9499, 1.1642, 0.1772



22.8290, 41.9913, -7.6972

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 28.3360, -4.9929, -24.6393 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 28.3360, -4.9929, -24.6393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

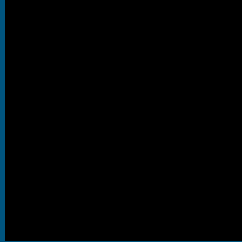
Any Text WCAG AA × Fail

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 28.3360, -4.9929, -24.6393 Background



This preview shows how black text looks on a background with the HunterLab color 28.3360, -4.9929, -24.6393.



This preview shows how white text looks on a background with the HunterLab color 28.3360, -4.9929, -24.6393.

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

28.3360, -4.9929, -24.6393

Protanopia

28.4972, 3.3017, -20.6902

Deuteranopia

28.3773, 2.1281, -25.1455



Tritanopia

28.2653, -13.5709, -6.0336

Trichromacy



Original Color

28.3360, -4.9929, -24.6393

Protanomaly

27.9491, -1.0434, -23.2479

Deuteranomaly

28.1659, -1.2952, -25.6560

Tritanomaly

28.3566, -10.9514, -11.8023

Monochromacy



Original Color

28.3360, -4.9929, -24.6393

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

24.0713, -5.4025, -7.4713

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.3360, -4.9929, -24.6393 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, 85, 127)` looks like.

```
.text, #text, p{  
    color:rgb(0, 85, 127)  
}
```

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, 85, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 85, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 28.3360, -4.9929, -24.6393 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, 85, 127) }
```


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

```
.border{ border-color:rgb(0, 85, 127) }
```

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

Here you see how a box with a 4 pixel rgb(0, 85, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 85, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 85, 127);  
box-shadow:4px 4px 4px 4px rgb(0, 85, 127)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.3360, -4.9929, -24.6393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 85, 127) }
```

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

```
.background{ background-color: rgb(0, 85,  
127) }
```

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