

Converting Colors

HunterLab(28.2988, -3.5167,
-26.0692)

Have a look what the booklet for
HunterLab(28.2988, -3.5167,
-26.0692) contains.

HunterLab(28.3040, -3.5024, -26.1262)	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>	30

Color

**HunterLab(28.3040, -3.5024,
-26.1262)**

Conversions

Conversions Part 1

Format	Color
Hex	0D5481
RGB	13, 84, 129
RGB Percent	5%, 33%, 51%
CMY	0.9490, 0.6706, 0.4941
CMYK	0.90, 0.35, 0.00, 0.49
HSL	203°, 82%, 28%
HSV	203°, 90%, 51%
XYZ	7.2987, 8.0112, 21.9305
YIQ	67.9010, -56.7610, -1.0570

Conversions

Conversions Part 2

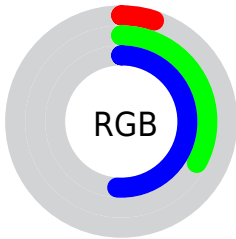
Format	Color
R_{YB}	13, 57, 129
Decimal	873601
CIE Lab	34.01, -3.02, -31.02
CIE LCh	34, 31.164, 264.439
Yxy	8.0114, 0.1960, 0.2151
Android (android.graphics.Color)	4279063681 (0xFF0D5481)
YUV	67.9010, 30.1218, -48.1482
Hunter-Lab	28.3040, -3.5024, -26.1262

Details

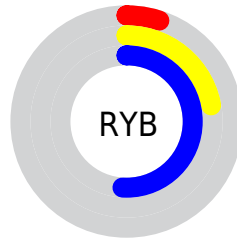
The HunterLab color **28.3040, -3.5024, -26.1262** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **27.7915, 19.7023, 16.6566**, and the grayscale version is **23.9213, -1.2764, 1.2997**.

A 20% lighter version of the original color is **46.7993, -4.7600, -27.3136**, and **14.4295, 1.5934, -21.4752** is the 20% darker color. If you saturate the color by 10%, you get **26.7901, -1.8442, -29.4889**, and if you desaturate by 10%, it is **29.9151, -4.8604, -22.8145**.

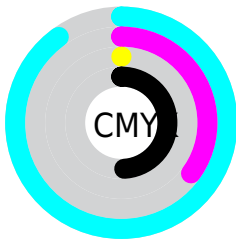
Distribution



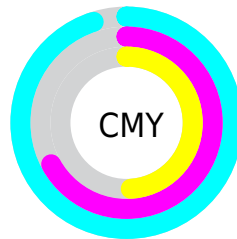
- Red (5%)
- Green (33%)
- Blue (51%)



- Red (5%)
- Yellow (22%)
- Blue (51%)



- Cyan (90%)
- Magenta (35%)
- Yellow (0%)
- Black (49%)



- Cyan (95%)
- Magenta (67%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.3040, -3.5024, -26.1262 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 28.3040, -3.5024, -26.1262 by changing the saturation by 10% instead.

■ 28.3040, -3.5024,
-26.1262

■ 28.3040, -3.5024,
-26.1262

■ 132.5977,
-10.4425, -30.2018

■ 20.2540, -2.8557,
-25.6575

■ 46.8837, -4.8684,
-27.2914

■ 13.1565, -2.2300,
-25.5493

■ 57.2799, -5.5901,
-27.8559

■ 6.6600, -2.3315,
-29.4048

■ 68.3479, -6.3373,
-28.3776

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 80.0491, -7.1099,
-28.8489

0.0000, NaN, NaN

■ 92.3510, -7.9071,
-29.2669

0.0000, NaN, NaN

■ 105.2255, -8.7287,

0.0000, NaN, NaN

-29.6311

0.0000, NaN, NaN

118.6483, -9.5740,
-29.9423

■ 28.3040, -3.5024,
-26.1262

■ 28.3040, -3.5024,
-26.1262

■ 26.7901, -1.8442,
-29.4889

■ 29.9151, -4.8604,
-22.8145

■ 26.7769, -1.8295,
-29.5194

■ 31.6543, -5.7954,
-19.4976

■ 33.5172, -6.3191,
-16.1966

■ 35.4970, -6.4567,
-12.9301

■ 37.5857, -6.2398,
-9.7115

■ 39.7754, -5.7023,
-6.5492

■ 42.0583, -4.8774,
-3.4475

■ 44.4273, -3.7963,
-0.4077

■ 46.8756, -2.4876,
2.5715

Harmonies

Analogous

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



28.3045, -12.6352, -19.7822



28.3040, -3.5024, -26.1262



28.3045, 7.6315, -23.0852

Triad

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



28.3045, -3.5020, -26.1256



28.3045, 20.0565, 8.5735



28.3045, -16.5413, 10.8113

Complementary

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



28.3040, -3.5024, -26.1262



27.7915, 19.7023, 16.6566

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.



28.3045, -9.6241, 14.2945



28.3040, -3.5024, -26.1262



28.3045, 11.6488, 13.3843

Square

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



28.3045, -3.5020, -26.1256



28.3045, 22.3455, -0.4474



28.3045, 0.5350, 15.0176



28.3045, -19.4026, 3.3942

Rectangle

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



28.3040, -3.5024, -26.1262



28.3045, 14.5978, -16.5716



28.3045, 0.5350, 15.0176



28.3045, -14.6688, 12.3508

Sweetspot

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



28.3045, -3.5020, -26.1256



53.9130, -7.4114, -7.8107



40.1079, -31.1718, 18.3541



25.2523, -3.6520, -4.2690



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.



28.3045, -3.5020, -26.1256



35.4115, -1.7506, -40.4822



15.6007, 24.3039, -68.8934



21.4834, -1.7796, -0.0769



26.4555, -1.8318, -29.1128

0.0000, NaN, NaN

Inverse Universe

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



23.6547, 40.0843, -5.7458



30.5568, 55.5344, -5.0993



41.3096, -6.1354, 24.8002



20.9404, 1.1134, 0.3118



22.5855, 41.1159, -4.3010

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 28.3040, -3.5024, -26.1262 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 28.3040, -3.5024, -26.1262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

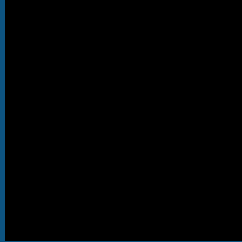
Any Text WCAG AA × Fail

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 28.3040, -3.5024, -26.1262 Background



This preview shows how black text looks on a background with the HunterLab color 28.3040, -3.5024, -26.1262.



This preview shows how white text looks on a background with the HunterLab color 28.3040, -3.5024, -26.1262.

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

28.3040, -3.5024, -26.1262

Protanopia

28.2148, 3.8446, -22.6175

Deuteranopia

28.2878, 2.0158, -26.7986

Trichromacy



Original Color

28.3040, -3.5024, -26.1262

Protanomaly

27.9313, 0.4355, -24.6807

Deuteranomaly

28.0564, -0.1148, -27.3435

Monochromacy



Original Color

28.3040, -3.5024, -26.1262

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

25.0282, -4.4798, -7.5704

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.3040, -3.5024, -26.1262 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(13, 84, 129)` looks like.

```
.text, #text, p{  
    color:rgb(13, 84, 129)  
}
```

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(13, 84, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 84, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 28.3040, -3.5024, -26.1262 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(13, 84, 129) }
```

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

```
.border{ border-color:rgb(13, 84, 129) }
```

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

Here you see how a box with a 4 pixel rgb(13, 84, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 84, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 84, 129);  
box-shadow:4px 4px 4px 4px rgb(13, 84,  
129) }
```


Background

The CSS property to change the background color of an element to HunterLab 28.3040, -3.5024, -26.1262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 84, 129) }
```

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

```
.background{ background-color: rgb(13, 84,  
129) }
```

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