

Converting Colors

HunterLab(29.8560, -5.4758,
-25.4929)

Have a look what the booklet for
HunterLab(29.8560, -5.4758,
-25.4929) contains.

HunterLab(30.0096, -5.5876, -25.4474)	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(30.0096, -5.5876,
-25.4474)**

Conversions

Conversions Part 1	
Format	Color
Hex	005A85
RGB	0, 90, 133
RGB Percent	0%, 35%, 52%
CMY	0.9999, 0.6471, 0.4784
CMYK	1.00, 0.32, 0.00, 0.48
HSL	199°, 100%, 26%
HSV	199°, 100%, 52%
XYZ	7.8898, 9.0058, 23.5127
YIQ	67.9920, -67.4430, -5.7070

Conversions

Conversions Part 2

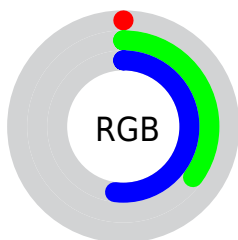
Format	Color
RYB	0, 54, 133
Decimal	23173
CIELab	36.00, -6.01, -30.34
CIELCh	36, 30.931, 258.804
Yxy	9.0061, 0.1953, 0.2229
Android (android.graphics.Color)	4278213253 (0xFF005A85)
YUV	67.9920, 32.0489, -59.6290
Hunter-Lab	30.0096, -5.5876, -25.4474

Details

The HunterLab color **30.0096, -5.5876, -25.4474** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **25.9145, 27.2324, 16.4440**, and the grayscale version is **23.9499, -1.2779, 1.3012**.

A 20% lighter version of the original color is **48.9091, -7.5515, -26.3088**, and **15.8155, 0.5356, -20.9243** is the 20% darker color. If you saturate the color by 10%, you get **30.0083, -5.5854, -25.4505**, and if you desaturate by 10%, it is **31.3697, -6.9062, -22.7319**.

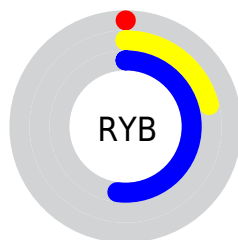
Distribution



Red (0%)

Green (35%)

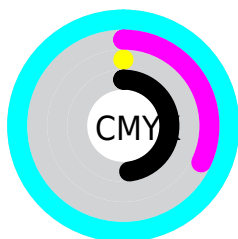
Blue (52%)



Red (0%)

Yellow (21%)

Blue (52%)

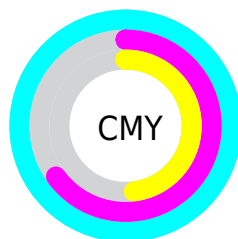


Cyan (100%)

Magenta (32%)

Yellow (0%)

Black (48%)



Cyan (100%)


Magenta (65%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 30.0096, -5.5876, -25.4474 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 30.0096, -5.5876, -25.4474 by changing the saturation by 10% instead.


 30.0096, -5.5876,
-25.4474


 30.0096, -5.5876,
-25.4474


135.4338,
-13.9314, -29.3310


 21.7833, -4.7212,
-24.9361

 48.8962, -7.3353,
-26.6049

 14.4862, -3.8467,
-24.6860


 59.4294, -8.2272,
-27.1489

 8.1473, -3.6472,
-25.8071


 70.6262, -9.1345,
-27.6459

0.0000, NaN, -NF

0.0000, NaN, -NF

 82.4494, -10.0583,
-28.0903

0.0000, NaN, NaN

 94.8673, -10.9996,
-28.4804

0.0000, NaN, NaN

0.0000, NaN, NaN

 107.8527,

-11.9587, -28.8164

0.0000, NaN, NaN

121.3819,
-12.9359, -29.0994

■ 30.0096, -5.5876,
-25.4474

■ 30.0096, -5.5876,
-25.4474

■ 30.0083, -5.5854,
-25.4505

■ 31.3697, -6.9062,
-22.7319

■ 32.8173, -7.9343,
-20.0079

■ 34.3861, -8.5450,
-17.2228

■ 36.0750, -8.7413,
-14.3943

■ 37.8799, -8.5409,
-11.5409

■ 39.7953, -7.9695,
-8.6788

■ 41.8149, -7.0571,
-5.8216

■ 43.9322, -5.8349,
-2.9792

■ 46.1405, -4.3334,
-0.1588

Harmonies

Analogous

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



30.0101, -14.2632, -17.7119



30.0096, -5.5876, -25.4474



30.0101, 5.4987, -24.2239

Triad

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



30.0101, -5.5872, -25.4468



30.0101, 21.0726, 7.4051



30.0101, -15.8746, 12.0671

Complementary

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



30.0096, -5.5876, -25.4474



25.9145, 27.2324, 16.4440

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.



30.0101, -8.0999, 15.0913



30.0096, -5.5876, -25.4474



30.0101, 13.5815, 13.1442

Square

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



30.0101, -5.5872, -25.4468



30.0101, 22.0020, -2.5267



30.0101, 2.6008, 15.3981



30.0101, -19.6086, 5.2721

Rectangle

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



30.0096, -5.5876, -25.4474



30.0101, 12.7826, -18.5719



30.0101, 2.6008, 15.3981



30.0101, -13.7034, 13.4355

Sweetspot

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



30.0101, -5.5872, -25.4468



55.7647, -9.5426, -8.0557



41.1624, -33.8382, 21.5990



26.0045, -4.7551, -4.4715



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



30.0101, -5.5872, -25.4468



39.7902, -6.9111, -34.8152



15.3733, 26.1453, -75.6513



22.4315, -2.0293, 0.0403



29.3126, -5.4901, -24.7866



2.0747, -0.8175, -0.8285

Inverse Universe

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



23.9273, 44.0572, -8.4538



31.9720, 58.7944, -10.6691



39.8033, -1.9335, 24.4920



21.7667, 1.2344, 0.1584



23.3545, 43.0121, -8.2939



1.4225, 2.7020, -1.1412

Previews

White Background



This preview shows how the HunterLab color 30.0096, -5.5876, -25.4474 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 30.0096, -5.5876, -25.4474 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 30.0096, -5.5876, -25.4474 Background



This preview shows how black text looks on a background with the HunterLab color 30.0096, -5.5876, -25.4474.



This preview shows how white text looks on a background with the HunterLab color 30.0096, -5.5876, -25.4474.

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

30.0096, -5.5876, -25.4474

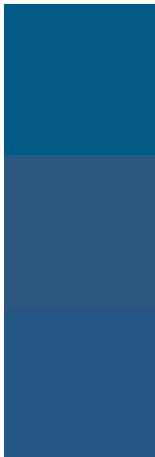
Protanopia

30.0348, 3.6002, -21.0658

Deuteranopia

30.1465, 1.9482, -25.7480

Trichromacy

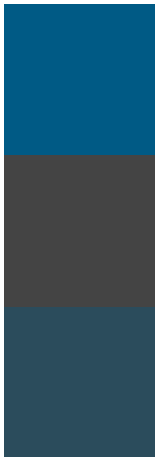


Original Color
30.0096, -5.5876, -25.4474

Protanomaly
29.6622, -1.5255, -23.2627

Deuteranomaly
29.8541, -1.7884, -26.4279

Monochromacy



Original Color
30.0096, -5.5876, -25.4474

Achromatopsia
24.0428, -1.2829, 1.3063

Achromatomaly
25.4070, -5.7339, -8.0729

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.0096, -5.5876, -25.4474 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, 90, 133)` looks like.

```
.text, #text, p{  
    color:rgb(0, 90, 133)  
}
```

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, 90, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 90, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 30.0096, -5.5876, -25.4474 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, 90, 133) }
```

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

```
.border{ border-color:rgb(0, 90, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 90, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 90, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 90, 133);  
box-shadow:4px 4px 4px 4px rgb(0, 90, 133)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 30.0096, -5.5876, -25.4474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 90, 133) }
```

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

```
.background{ background-color: rgb(0, 90,  
133) }
```

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