

Converting Colors

HunterLab(24.6632, -25.8473,
-41.4837)

Have a look what the booklet for
HunterLab(24.6632, -25.8473,
-41.4837) contains.

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Color

**HunterLab(29.8703, -4.3688,
-27.9043)**

Conversions

Conversions Part 1

Format	Color
Hex	005988
RGB	0, 89, 136
RGB Percent	0%, 35%, 53%
CMY	0.9999, 0.6510, 0.4667
CMYK	1.00, 0.35, 0.00, 0.47
HSL	201°, 100%, 27%
HSV	201°, 100%, 53%
XYZ	8.0163, 8.9223, 24.5922
YIQ	67.7470, -68.1310, -4.2510

Conversions

Conversions Part 2

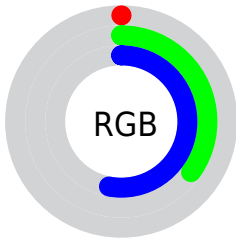
Format	Color
R_{YB}	0, 54, 136
Decimal	22920
CIE _{Lab}	35.83, -4.15, -32.43
CIE _{LCh}	36, 32.693, 262.704
Yxy	8.9226, 0.1930, 0.2148
Android (android.graphics.Color)	4278213000 (0xFF005988)
YUV	67.7470, 33.6487, -59.4141
Hunter-Lab	29.8703, -4.3688, -27.9043

Details

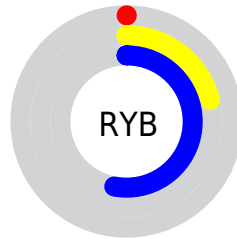
The HunterLab color **29.8703, -4.3688, -27.9043** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **26.9607, 26.7775, 17.0807**, and the grayscale version is **23.8587, -1.2730, 1.2963**.

A 20% lighter version of the original color is **48.8316, -5.9449, -29.1630**, and **15.7266, 1.7666, -23.4704** is the 20% darker color. If you saturate the color by 10%, you get **29.8688, -4.3662, -27.9079**, and if you desaturate by 10%, it is **31.3375, -5.8805, -24.8625**.

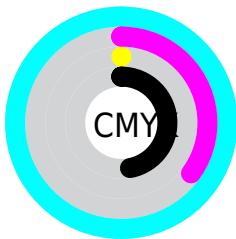
Distribution



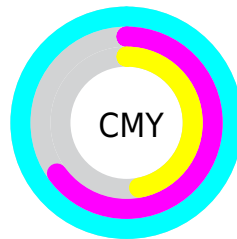
- Red (0%)
- Green (35%)
- Blue (53%)



- Red (0%)
- Yellow (21%)
- Blue (53%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (65%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.8703, -4.3688, -27.9043 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 29.8703, -4.3688, -27.9043 by changing the saturation by 10% instead.

■ 29.8703, -4.3688,
-27.9043

■ 29.8703, -4.3688,
-27.9043

135.2034,
-11.8628, -32.1722

■ 21.6581, -3.6368,
-27.4284

■ 48.7322, -5.8842,
-29.0938

■ 14.3770, -2.9155,
-27.3015

■ 59.2544, -6.6729,
-29.6766

■ 8.0372, -2.6802,
-28.9231

■ 70.4409, -7.4833,
-30.2194

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 82.2542, -8.3157,
-30.7140

0.0000, NaN, NaN

■ 94.6627, -9.1700,
-31.1569

0.0000, NaN, NaN

■ 107.6392,

0.0000, NaN, NaN

-10.0461, -31.5471

0.0000, NaN, NaN

121.1598,
-10.9438, -31.8852

■ 29.8703, -4.3688,
-27.9043

■ 29.8703, -4.3688,
-27.9043

■ 29.8688, -4.3662,
-27.9079

■ 31.3375, -5.8805,
-24.8625

■ 32.9005, -7.0801,
-21.8267

■ 34.5923, -7.8430,
-18.7447

■ 36.4104, -8.1750,
-15.6366

■ 38.3498, -8.0969,
-12.5221

■ 40.4038, -7.6379,
-9.4176

■ 42.5653, -6.8305,
-6.3360

■ 44.8268, -5.7081,
-3.2859

■ 47.1814, -4.3029,
-0.2729

Harmonies

Analogous

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



29.8708, -13.9155, -20.5841



29.8703, -4.3688, -27.9043



29.8708, 7.4855, -25.2264

Triad

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



29.8708, -4.3683, -27.9036



29.8708, 21.8224, 8.6952



29.8708, -17.3130, 11.8167

Complementary

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



29.8703, -4.3688, -27.9043



26.9607, 26.7775, 17.0807

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.



29.8708, -9.7064, 15.3016



29.8703, -4.3688, -27.9043



29.8708, 13.1150, 14.0373

Square

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



29.8708, -4.3683, -27.9036



29.8708, 23.8291, -1.1882



29.8708, 1.2825, 15.9218



29.8708, -20.6143, 4.1904

Rectangle

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



29.8703, -4.3688, -27.9043



29.8708, 15.0396, -18.4811



29.8708, 1.2825, 15.9218



29.8708, -15.2358, 13.3716

Sweetspot

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



29.8708, -4.3683, -27.9036



56.3110, -9.1522, -8.6816



42.1909, -34.5522, 21.8549



26.5862, -4.6131, -4.8986



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



29.8708, -4.3683, -27.9036



39.2749, -5.2035, -37.8574



15.4206, 27.9314, -79.5660



23.2431, -2.0486, -0.0133



29.0887, -4.2955, -27.0855



2.8918, -1.0999, -1.2401

Inverse Universe

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



24.4049, 44.7452, -7.1401



32.3500, 59.2362, -8.8313



41.3762, -2.9676, 25.4431



22.5834, 1.2768, 0.2146



23.7453, 43.5466, -6.9969



2.0056, 3.7993, -1.5307

Previews

White Background



This preview shows how the HunterLab color 29.8703, -4.3688, -27.9043 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 29.8703, -4.3688, -27.9043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

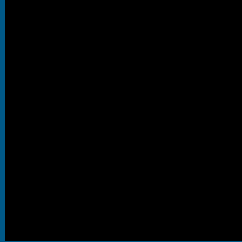
Any Text WCAG AA × Fail

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 29.8703, -4.3688, -27.9043 Background



This preview shows how black text looks on a background with the HunterLab color 29.8703, -4.3688, -27.9043.



This preview shows how white text looks on a background with the HunterLab color 29.8703, -4.3688, -27.9043.

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

29.8703, -4.3688, -27.9043

Protanopia

30.0308, 3.9412, -23.8199

Deuteranopia

30.0553, 1.9239, -28.1340



Tritanopia

29.9082, -14.4309, -6.2305

Trichromacy



Original Color

29.8703, -4.3688, -27.9043

Protanomaly

29.5026, -0.3326, -26.4212

Deuteranomaly

29.6396, -0.8579, -29.0937

Tritanomaly

29.7812, -10.9738, -13.5346

Monochromacy



Original Color

29.8703, -4.3688, -27.9043

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

25.4417, -5.5384, -8.5537

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.8703, -4.3688, -27.9043 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, 89, 136)` looks like.

```
.text, #text, p{  
    color:rgb(0, 89, 136)  
}
```

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, 89, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 89, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 29.8703, -4.3688, -27.9043 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, 89, 136) }
```


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

```
.border{ border-color:rgb(0, 89, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 89, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 89, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 89, 136);  
box-shadow:4px 4px 4px 4px rgb(0, 89, 136)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.8703, -4.3688, -27.9043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 89, 136) }
```

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

```
.background{ background-color: rgb(0, 89,  
136) }
```

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](#).

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