

Converting Colors

HunterLab(29.2337, -0.6199,
-35.2007)

Have a look what the booklet for
HunterLab(29.2337, -0.6199,
-35.2007) contains.

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Color

**HunterLab(29.1730, -0.3745,
-35.6553)**

Conversions

Conversions Part 1

Format	Color
Hex	005590
RGB	0, 85, 144
RGB Percent	0%, 33%, 56%
CMY	0.9999, 0.6667, 0.4353
CMYK	1.00, 0.41, 0.00, 0.44
HSL	205°, 100%, 28%
HSV	205°, 100%, 56%
XYZ	8.2826, 8.5106, 27.5918
YIQ	66.3110, -69.5990, 0.3290

Conversions

Conversions Part 2

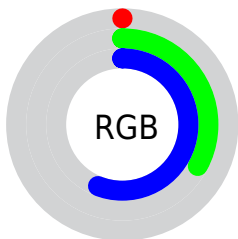
Format	Color
RYB	0, 53, 144
Decimal	21904
CIELab	35.03, 1.74, -38.59
CIELCh	35, 38.627, 272.582
Yxy	8.5109, 0.1866, 0.1917
Android (android.graphics.Color)	4278211984 (0xFF005590)
YUV	66.3110, 38.3007, -58.1547
Hunter-Lab	29.1730, -0.3745, -35.6553

Details

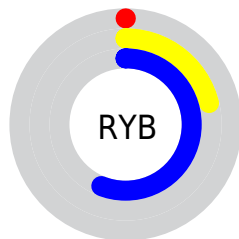
The HunterLab color **29.1730, -0.3745, -35.6553** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **30.0990, 24.8190, 18.9801**, and the grayscale version is **23.3399, -1.2454, 1.2681**.

A 20% lighter version of the original color is **47.8296, -1.1819, -36.7757**, and **15.4149, 5.0849, -30.2442** is the 20% darker color. If you saturate the color by 10%, you get **29.1709, -0.3707, -35.6608**, and if you desaturate by 10%, it is **30.9447, -2.5008, -31.5309**.

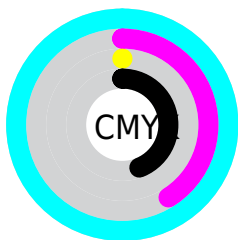
Distribution



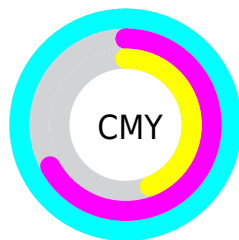
- Red (0%)
- Green (33%)
- Blue (56%)



- Red (0%)
- Yellow (21%)
- Blue (56%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (67%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.1730, -0.3745, -35.6553 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 29.1730, -0.3745, -35.6553 by changing the saturation by 10% instead.

■ 29.1730, -0.3745,
-35.6553

■ 29.1730, -0.3745,
-35.6553

■ 134.0470, -5.2006,
-40.7889

■ 21.0323, -0.0594,
-35.4049

■ 47.9104, -1.1648,
-36.8127

■ 13.8319, 0.1894,
-35.8648

■ 58.3770, -1.6299,
-37.4728

■ 7.4585, 0.6184,
-40.1279

■ 69.5111, -2.1363,
-38.1230

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 81.2749, -2.6810,
-38.7436

0.0000, NaN, NaN

■ 93.6363, -3.2617,
-39.3245

0.0000, NaN, NaN

■ 106.5677, -3.8762,

0.0000, NaN, NaN

-39.8603

0.0000, NaN, NaN

120.0451, -4.5230,
-40.3487

■ 29.1730, -0.3745,
-35.6553

■ 29.1730, -0.3745,
-35.6553

■ 29.1709, -0.3707,
-35.6608

■ 30.9447, -2.5008,
-31.5309

■ 32.8408, -4.2477,
-27.4743

■ 34.8907, -5.4969,
-23.4343

■ 37.0876, -6.2645,
-19.4381

■ 39.4221, -6.5823,
-15.5071

■ 41.8843, -6.4897,
-11.6556

■ 44.4638, -6.0281,
-7.8911

■ 47.1512, -5.2376,
-4.2160

■ 49.9376, -4.1556,
-0.6288

Harmonies

Analogous

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



29.1734, -12.6217, -30.1315



29.1730, -0.3745, -35.6553



29.1734, 13.8556, -28.0032

Triad

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



29.1734, -0.3739, -35.6546



29.1734, 23.8286, 12.0375



29.1734, -21.2861, 10.8574

Complementary

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



29.1730, -0.3745, -35.6553



30.0990, 24.8190, 18.9801

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.



29.1734, -14.3155, 15.7116



29.1730, -0.3745, -35.6553



29.1734, 11.4477, 16.1415

Square

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



29.1734, -0.3739, -35.6546



29.1734, 29.3323, 2.6838



29.1734, -2.7239, 17.0896



29.1734, -23.3068, 0.4480

Rectangle

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



29.1730, -0.3745, -35.6553



29.1734, 22.1778, -17.8650



29.1734, -2.7239, 17.0896



29.1734, -19.5158, 12.9979

Sweetspot

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



29.1734, -0.3739, -35.6546



58.8306, -8.0577, -10.7913



44.9982, -36.1927, 21.8875



27.5460, -3.9904, -6.0670



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



29.1734, -0.3739, -35.6546



38.3084, 0.2479, -48.4173



15.2946, 33.8887, -92.2679



23.9805, -1.9387, -0.1629



27.3074, -0.4920, -33.0698



3.3879, -1.1386, -1.7767

Inverse Universe

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



25.6626, 46.4992, -3.2292



34.0307, 61.5783, -3.5891



46.6788, -7.3811, 28.6333



23.3968, 1.2756, 0.3877



23.9565, 43.4295, -3.1501



2.4343, 4.5753, -1.5778

Previews

White Background



This preview shows how the HunterLab color 29.1730, -0.3745, -35.6553 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 29.1730, -0.3745, -35.6553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

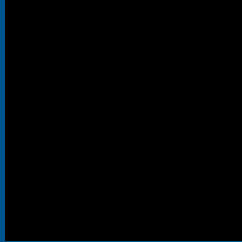
Any Text WCAG AA × Fail

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 29.1730, -0.3745, -35.6553 Background



This preview shows how black text looks on a background with the HunterLab color 29.1730, -0.3745, -35.6553.



This preview shows how white text looks on a background with the HunterLab color 29.1730, -0.3745, -35.6553.

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

29.1730, -0.3745, -35.6553

Protanopia

29.4078, 5.3706, -31.8072

Deuteranopia

29.4034, 1.7811, -35.0554



Tritanopia

29.2167, -14.2780, -5.6962

Trichromacy



Original Color

29.1730, -0.3745, -35.6553

Protanomaly

28.8665, 2.3696, -33.9289

Deuteranomaly

29.1599, 0.9586, -35.6641

Tritanomaly

28.9527, -9.5642, -15.5420

Monochromacy



Original Color

29.1730, -0.3745, -35.6553

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

24.6282, -4.2674, -10.3925

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.1730, -0.3745, -35.6553 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(0, 85, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 85, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 29.1730, -0.3745, -35.6553 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, 144) }
```


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

```
.border{ border-color:rgb(0, 85, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 85, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 85, 144);  
box-shadow:4px 4px 4px 4px rgb(0, 85, 144)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.1730, -0.3745, -35.6553 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, 144) }
```

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

```
.background{ background-color: rgb(0, 85,  
144) }
```

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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