

Converting Colors

HunterLab(25.5916, -12.9185,
-53.4201)

Have a look what the booklet for
HunterLab(25.5916, -12.9185,
-53.4201) contains.

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Color

**HunterLab(29.6040, 1.9526,
-41.2176)**

Conversions

Conversions Part 1

Format	Color
Hex	005598
RGB	0, 85, 152
RGB Percent	0%, 33%, 60%
CMY	0.9999, 0.6667, 0.4039
CMYK	1.00, 0.44, 0.00, 0.40
HSL	206°, 100%, 30%
HSV	206°, 100%, 60%
XYZ	8.9160, 8.7640, 30.9274
YIQ	67.2230, -72.1670, 2.8170

Conversions

Conversions Part 2

Format	Color
R_{YB}	0, 55, 152
Decimal	21912
CIE _{Lab}	35.53, 5.09, -42.63
CIE _{LCh}	36, 42.934, 276.812
Yxy	8.7642, 0.1834, 0.1803
Android (android.graphics.Color)	4278211992 (0xFF005598)
YUV	67.2230, 41.7951, -58.9546
Hunter-Lab	29.6040, 1.9526, -41.2176

Details

The HunterLab color **29.6040, 1.9526, -41.2176** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **32.6995, 24.4266, 20.5757**, and the grayscale version is **23.6484, -1.2618, 1.2849**.

A 20% lighter version of the original color is **48.4149, 1.7083, -42.4284**, and **15.8303, 7.1754, -35.2761** is the 20% darker color. If you saturate the color by 10%, you get **29.6014, 1.9574, -41.2247**, and if you desaturate by 10%, it is **31.5802, -0.6107, -36.3221**.

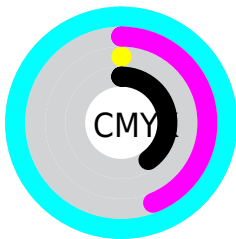
Distribution



- Red (0%)
- Green (33%)
- Blue (60%)



- Red (0%)
- Yellow (22%)
- Blue (60%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (67%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.6040, 1.9526, -41.2176 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 29.6040, 1.9526, -41.2176 by changing the saturation by 10% instead.

■ 29.6040, 1.9526,
-41.2176

■ 29.6040, 1.9526,
-41.2176

■ 134.7624, -1.4243,
-46.6933

■ 21.4189, 2.0465,
-41.1598

■ 48.4186, 1.5519,
-42.2781

■ 14.1685, 2.0481,
-42.0419

■ 58.9196, 1.2619,
-42.9585

■ 7.8217, 2.4191,
-46.8445

■ 70.0861, 0.9207,
-43.6528

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 81.8806, 0.5328,
-44.3331

0.0000, NaN, -NF

■ 94.2712, 0.1016,
-44.9840

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.2305, -0.3699,

-45.5971

0.0000, NaN, NaN

120.7347, -0.8792,
-46.1676

■ 29.6040, 1.9526,
-41.2176

■ 29.6040, 1.9526,
-41.2176

■ 29.6014, 1.9574,
-41.2247

■ 31.5802, -0.6107,
-36.3221

■ 33.7051, -2.7366,
-31.5341

■ 36.0047, -4.3119,
-26.8071

■ 38.4691, -5.3585,
-22.1730

■ 41.0861, -5.9160,
-17.6540

■ 43.8430, -6.0315,
-13.2617

■ 46.7276, -5.7528,
-8.9995

■ 49.7285, -5.1256,
-4.8648

■ 52.8356, -4.1917,
-0.8511

Harmonies

Analogous

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



29.6044, -12.1998, -36.8497



29.6040, 1.9526, -41.2176



29.6044, 17.9718, -30.2633

Triad

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



29.6044, 1.9534, -41.2169



29.6044, 25.5348, 13.8706



29.6044, -23.8804, 10.5775

Complementary

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



29.6040, 1.9526, -41.2176



32.6995, 24.4266, 20.5757

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.



29.6044, -17.0909, 16.3191



29.6040, 1.9526, -41.2176



29.6044, 10.7835, 17.4425

Square

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



29.6044, 1.9534, -41.2169



29.6044, 33.2485, 4.7131



29.6044, -4.9574, 18.0339



29.6044, -25.3075, -1.8669

Rectangle

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



29.6040, 1.9526, -41.2176



29.6044, 26.9520, -17.9227



29.6044, -4.9574, 18.0339



29.6044, -22.2270, 13.1205

Sweetspot

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



29.6044, 1.9534, -41.2169



61.8467, -7.6787, -12.2908



47.8003, -38.0607, 22.4178



28.7693, -3.7517, -6.8987



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



29.6044, 1.9534, -41.2169



38.8686, 3.4230, -55.9716



15.7722, 37.7912, -101.2887



25.6327, -1.9849, -0.2671



27.2204, 1.5883, -37.4518



4.2799, -1.2997, -2.5439

Inverse Universe

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



27.0773, 48.7881, -1.2798



35.9220, 64.6386, -0.9818



50.9729, -10.0517, 31.2325



25.0551, 1.3650, 0.4942



24.8058, 44.7225, -1.3488



3.1512, 5.8923, -1.8069

Previews

White Background



This preview shows how the HunterLab color 29.6040, 1.9526, -41.2176 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 29.6040, 1.9526, -41.2176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

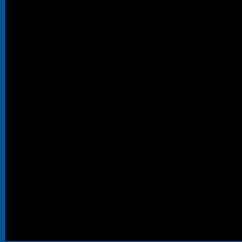
Any Text WCAG AA × Fail

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 29.6040, 1.9526, -41.2176 Background



This preview shows how black text looks on a background with the HunterLab color 29.6040, 1.9526, -41.2176.



This preview shows how white text looks on a background with the HunterLab color 29.6040, 1.9526, -41.2176.

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

29.6040, 1.9526, -41.2176

Protanopia

29.5855, 6.7724, -37.7975

Deuteranopia

29.5489, 1.6567, -40.5099



Tritanopia

29.5458, -14.4506, -5.7350

Trichromacy



Original Color

29.6040, 1.9526, -41.2176

Protanomaly

29.2025, 4.3318, -39.6590

Deuteranomaly

29.5489, 1.6567, -40.5099

Tritanomaly

29.3604, -9.2722, -16.6819

Monochromacy



Original Color

29.6040, 1.9526, -41.2176

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

25.0858, -3.6998, -11.9177

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.6040, 1.9526, -41.2176 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(0, 85, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 85, 152) }
```

Border

The CSS property to change the border of an element to HunterLab 29.6040, 1.9526, -41.2176 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, 152) }
```


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

```
.border{ border-color:rgb(0, 85, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 85, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 85, 152);  
box-shadow:4px 4px 4px 4px rgb(0, 85, 152)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.6040, 1.9526, -41.2176 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, 152) }
```

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

```
.background{ background-color: rgb(0, 85,  
152) }
```

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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