

Converting Colors

HunterLab(28.9675, 30.1091,
-65.3411)

Have a look what the booklet for
HunterLab(28.9675, 30.1091,
-65.3411) contains.

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Color

**HunterLab(29.0152, 29.9760,
-65.5278)**

Conversions

Conversions Part 1

Format	Color
Hex	533EB0
RGB	83, 62, 176
RGB Percent	33%, 24%, 69%
CMY	0.6745, 0.7569, 0.3098
CMYK	0.53, 0.65, 0.00, 0.31
HSL	251°, 48%, 47%
HSV	251°, 65%, 69%
XYZ	13.1263, 8.4188, 42.0074
YIQ	81.2750, -24.0780, 39.9060

Conversions

Conversions Part 2

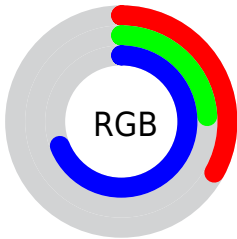
Format	Color
R_{YB}	83, 62, 176
Decimal	5455536
CIE _{Lab}	34.84, 39.31, -57.94
CIE _{LCh}	35, 70.016, 304.154
Yxy	8.4191, 0.2065, 0.1325
Android (android.graphics.Color)	4283645616 (0xFF533EB0)
YUV	81.2750, 46.6994, 1.5128
Hunter-Lab	29.0152, 29.9760, -65.5278

Details

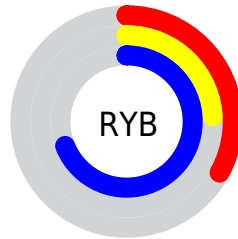
The HunterLab color **29.0152, 29.9760, -65.5278** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **61.9409, -22.1976, 33.4167**, and the grayscale version is **28.6275, -1.5275, 1.5554**.

A 20% lighter version of the original color is **47.7782, 32.9805, -65.6473**, and **13.6429, 26.6820, -71.1435** is the 20% darker color. If you saturate the color by 10%, you get **24.9364, 36.4002, -81.6576**, and if you desaturate by 10%, it is **33.7266, 23.7771, -51.0088**.

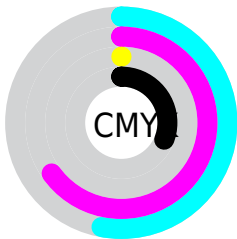
Distribution



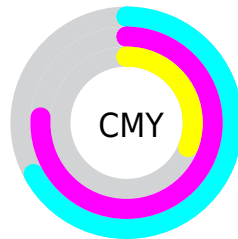
- Red (33%)
- Green (24%)
- Blue (69%)



- Red (33%)
- Yellow (24%)
- Blue (69%)



- Cyan (53%)
- Magenta (65%)
- Yellow (0%)
- Black (31%)



- Cyan (67%)
- Magenta (76%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.0152, 29.9760, -65.5278 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 29.0152, 29.9760, -65.5278 by changing the saturation by 10% instead.

■ 29.0152, 29.9760,
-65.5278

■ 29.0152, 29.9760,
-65.5278

■ 133.7845, 39.8621,
-70.4654

■ 20.8908, 28.3234,
-67.0615

■ 47.7242, 32.9193,
-65.3366

■ 13.7089, 26.6025,
-71.1571

■ 58.1780, 34.2069,
-65.8402

■ 7.3206, 27.1191,
-86.0616

■ 69.3002, 35.3825,
-66.5114

0.0000, INF, -NF

■ 81.0527, 36.4548,
-67.2703

0.0000, NaN, -NF

■ 93.4034, 37.4321,
-68.0694

0.0000, NaN, -NF

■ 106.3245, 38.3215,

0.0000, NaN, NaN

-68.8796

0.0000, NaN, NaN

119.7920, 39.1296,
-69.6823

■ 29.0152, 29.9760,
-65.5278

■ 29.0152, 29.9760,
-65.5278

■ 24.9364, 36.4002,
-81.6576

■ 33.7266, 23.7771,
-51.0088

■ 21.6833, 42.4065,
-98.2091

■ 38.9196, 18.0048,
-38.2754

■ 19.4527, 46.7882,
-112.3853

■ 44.4882, 12.6628,
-27.1054

■ 18.5703, 48.6813,
-118.8445

■ 50.3578, 7.6873,
-17.1952

■ 56.4759, 3.0041,
-8.2684

■ 62.8044, -1.4526,
-0.1017

■ 69.3151, -5.7361,
7.4774

■ 75.9864, -9.8883,
14.6002

■ 82.8017, -13.9415,
21.3667

Harmonies

Analogous

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



29.0156, 1.9481, -88.3239



29.0152, 29.9760, -65.5278



29.0156, 54.2962, -25.5935

Triad

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



29.0156, 29.9768, -65.5267



29.0156, 22.0188, 20.3109



29.0156, -35.2071, -1.8639

Complementary

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



29.0152, 29.9760, -65.5278



61.9409, -22.1976, 33.4167

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.



29.0156, -32.9747, 15.1244



29.0152, 29.9760, -65.5278



29.0156, -4.8894, 20.3109

Square

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



29.0156, 29.9768, -65.5267



29.0156, 48.7311, 17.1679



29.0156, -23.5728, 20.0067



29.0156, -31.1827, -36.6102

Rectangle

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



29.0152, 29.9760, -65.5278



29.0156, 61.8898, -3.3743



29.0156, -23.5728, 20.0067



29.0156, -35.1507, 5.7893

Sweetspot

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



29.0156, 29.9768, -65.5267



72.2625, 6.8788, -16.4738



52.5688, -18.7835, -14.2622



32.5715, 4.0270, -9.2467



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



29.0156, 29.9768, -65.5267



31.4149, 52.8884, -120.3128



34.8521, 43.2732, -47.6422



28.8149, 0.2667, -1.8001



15.9670, 41.7477, -101.3372



3.2044, 7.7459, -15.4347

Inverse Universe

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



38.7838, 49.6896, -22.6357



48.0342, 78.1756, -33.8776



58.3102, -36.4022, 30.6592



29.3587, 2.0137, -0.3467



28.7196, 54.3217, -21.2757



5.1623, 9.8752, -4.6842

Previews

White Background



This preview shows how the HunterLab color 29.0152, 29.9760, -65.5278 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 29.0152, 29.9760, -65.5278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

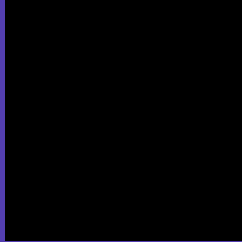
Any Text WCAG AA × Fail

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 29.0152, 29.9760, -65.5278 Background



This preview shows how black text looks on a background with the HunterLab color 29.0152, 29.9760, -65.5278.



This preview shows how white text looks on a background with the HunterLab color 29.0152, 29.9760, -65.5278.

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

29.0152, 29.9760, -65.5278

Protanopia

28.9517, 9.5774, -56.8619

Deuteranopia

28.9037, 0.0859, -36.3126



Tritanopia

29.0952, -7.6065, -3.7844

Trichromacy



Original Color

29.0152, 29.9760, -65.5278

Protanomaly

28.1840, 15.1116, -62.3718

Deuteranomaly

28.0093, 9.1084, -49.1599

Tritanomaly

28.3941, 4.4324, -22.2437

Monochromacy



Original Color

29.0152, 29.9760, -65.5278

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

28.1999, 8.1301, -17.2204

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.0152, 29.9760, -65.5278 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(83, 62, 176)` looks like.

```
.text, #text, p{  
    color:rgb(83, 62, 176)  
}
```

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(83, 62, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 62, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 29.0152, 29.9760, -65.5278 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(83, 62, 176) }
```


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

```
.border{ border-color:rgb(83, 62, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 62, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 62, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 62, 176);  
box-shadow:4px 4px 4px 4px rgb(83, 62,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.0152, 29.9760, -65.5278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 62, 176) }
```

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

```
.background{ background-color: rgb(83, 62,  
176) }
```

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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