

Converting Colors

HunterLab(13.3346, 15.4661,
-71.1990)

Have a look what the booklet for
HunterLab(13.3346, 15.4661,
-71.1990) contains.

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Color

**HunterLab(15.1149, 19.0679,
-60.0545)**

Conversions

Conversions Part 1

Format	Color
Hex	001E78
RGB	0, 30, 120
RGB Percent	0%, 12%, 47%
CMY	0.9999, 0.8824, 0.5294
CMYK	1.00, 0.75, 0.00, 0.53
HSL	225°, 100%, 24%
HSV	225°, 100%, 47%
XYZ	3.8544, 2.2846, 18.0071
YIQ	31.2900, -46.7700, 21.6300

Conversions

Conversions Part 2

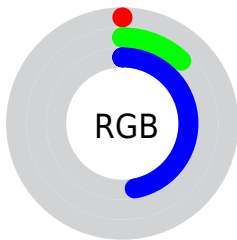
Format	Color
RYB	0, 24, 120
Decimal	7800
CIELab	16.92, 29.91, -53.03
CIELCh	17, 60.883, 299.422
Yxy	2.2846, 0.1596, 0.0946
Android (android.graphics.Color)	4278197880 (0xFF001E78)
YUV	31.2900, 43.7340, -27.4413
Hunter-Lab	15.1149, 19.0679, -60.0545

Details

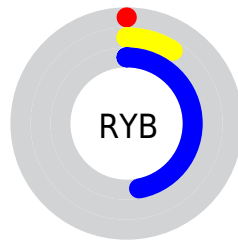
The HunterLab color **15.1149, 19.0679, -60.0545** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **33.6275, 1.6825, 20.7498**, and the grayscale version is **11.6754, -0.6230, 0.6343**.

A 20% lighter version of the original color is **30.8099, 21.7018, -56.7160**, and **6.6498, 18.0375, -47.2495** is the 20% darker color. If you saturate the color by 10%, you get **15.1129, 19.0739, -60.0650**, and if you desaturate by 10%, it is **16.9863, 15.1187, -51.2915**.

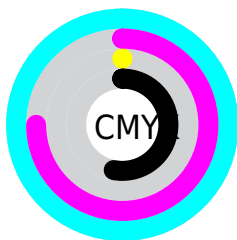
Distribution



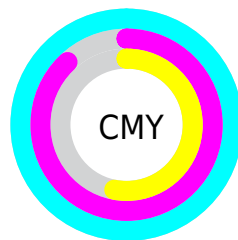
- Red (0%)
- Green (12%)
- Blue (47%)



- Red (0%)
- Yellow (9%)
- Blue (47%)



- Cyan (100%)
- Magenta (75%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (88%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.1149, 19.0679, -60.0545 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 15.1149, 19.0679, -60.0545 by changing the saturation by 10% instead.

■ 15.1149, 19.0679,
-60.0545

■ 15.1149, 19.0679,
-60.0545

■ 109.0741, 27.3162,
-61.2537

■ 8.7496, 17.7417,
-66.9620

■ 30.8094, 21.7313,
-57.0718

0.0000, INF, -NF

0.0000, NaN, -NF

■ 39.9435, 22.8519,
-57.1454

0.0000, NaN, -NF

■ 49.8357, 23.8459,
-57.5891

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.4316, 24.7263,
-58.2222

0.0000, NaN, NaN

■ 71.6875, 25.5044,
-58.9491

0.0000, NaN, NaN

■ 83.5665, 26.1902,

0.0000, NaN, NaN

-59.7158

■ 96.0377, 26.7918,
-60.4905

■ 15.1149, 19.0679,
-60.0545

■ 15.1149, 19.0679,
-60.0545

■ 15.1129, 19.0739,
-60.0650

■ 16.9863, 15.1187,
-51.2915

■ 19.1427, 11.4846,
-43.0398

■ 21.5821, 8.3942,
-35.3700

■ 24.2520, 5.8284,
-28.3954

■ 27.1108, 3.7204,
-22.0900

■ 30.1262, 1.9942,
-16.3725

■ 33.2738, 0.5803,
-11.1495

■ 36.5349, -0.5792,
-6.3341

■ 39.8949, -1.5313,
-1.8517

Harmonies

Analogous

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



15.1150, -1.1387, -76.3148



15.1149, 19.0679, -60.0545



15.1150, 39.4092, -25.4578

Triad

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



15.1150, 19.0693, -60.0543



15.1150, 19.9197, 10.5805



15.1150, -22.9829, 1.1359

Complementary

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



15.1149, 19.0679, -60.0545



33.6275, 1.6825, 20.7498

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.



15.1150, -20.5430, 10.5805



15.1149, 19.0679, -60.0545



15.1150, -0.4730, 10.5805

Square

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



15.1150, 19.0693, -60.0543



15.1150, 40.0354, 10.5805



15.1150, -13.8464, 10.5805



15.1150, -20.7200, -24.1634

Rectangle

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



15.1149, 19.0679, -60.0545



15.1150, 47.2595, -6.1520



15.1150, -13.8464, 10.5805



15.1150, -22.6855, 5.5269

Sweetspot

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



15.1150, 19.0693, -60.0543



43.8107, 0.8971, -15.2838



37.6448, -25.2787, 7.5181



20.6272, 0.7325, -8.5663



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



15.1150, 19.0693, -60.0543



19.5646, 26.7446, -82.1880



12.7771, 32.4880, -74.0134



20.1031, -0.8043, -0.7309



15.7199, 20.1172, -63.0758



32.5907, 49.3545, -147.2778

Inverse Universe

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



20.2166, 35.0813, 9.4696



26.7745, 46.3961, 13.0847



39.5055, -19.7338, 23.9970



20.0748, 0.7528, 1.1010



21.1100, 36.6258, 9.9644



45.9776, 79.5207, 23.6426

Previews

White Background



This preview shows how the HunterLab color 15.1149, 19.0679, -60.0545 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 15.1149, 19.0679, -60.0545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

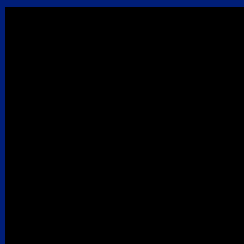
Any Text WCAG AA × Fail

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 15.1149, 19.0679, -60.0545 Background



This preview shows how black text looks on a background with the HunterLab color 15.1149, 19.0679, -60.0545.



This preview shows how white text looks on a background with the HunterLab color 15.1149, 19.0679, -60.0545.

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

15.1149, 19.0679, -60.0545

Protanopia

15.3639, 3.1972, -26.1054

Deuteranopia

15.4427, -1.4983, -16.0676



Tritanopia

15.3108, -7.7593, -2.3869

Trichromacy



Original Color

15.1149, 19.0679, -60.0545

Protanomaly

15.1866, 8.6068, -37.5616

Deuteranomaly

15.0762, 4.9582, -29.5473

Tritanomaly

14.4702, 0.1248, -18.3560

Monochromacy



Original Color

15.1149, 19.0679, -60.0545

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

12.1966, 3.1798, -15.2891

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.1149, 19.0679, -60.0545 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, 30, 120)` looks like.

```
.text, #text, p{  
    color:rgb(0, 30, 120)  
}
```

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, 30, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 30, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 15.1149, 19.0679, -60.0545 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, 30, 120) }
```


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

```
.border{ border-color:rgb(0, 30, 120) }
```

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

Here you see how a box with a 4 pixel rgb(0, 30, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 30, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 30, 120);  
box-shadow:4px 4px 4px 4px rgb(0, 30, 120)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.1149, 19.0679, -60.0545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 30, 120) }
```

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

```
.background{ background-color: rgb(0, 30,  
120) }
```

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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