

Converting Colors

HunterLab(11.2093, 10.4144,
-101.6670)

Have a look what the booklet for
HunterLab(11.2093, 10.4144,
-101.6670) contains.

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Color

**HunterLab(15.9326, 21.2591,
-65.8068)**

Conversions

Conversions Part 1

Format	Color
Hex	001F80
RGB	0, 31, 128
RGB Percent	0%, 12%, 50%
CMY	0.9999, 0.8784, 0.4980
CMYK	1.00, 0.76, 0.00, 0.50
HSL	225°, 100%, 25%
HSV	225°, 100%, 50%
XYZ	4.3863, 2.5385, 20.6808
YIQ	32.7890, -49.6130, 23.5950

Conversions

Conversions Part 2

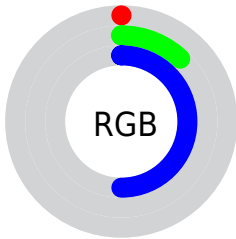
Format	Color
R_{YB}	0, 25, 128
Decimal	8064
CIE _{Lab}	18.09, 32.40, -56.19
CIE _{LCh}	18, 64.858, 299.970
Yxy	2.5385, 0.1589, 0.0920
Android (android.graphics.Color)	4278198144 (0xFF001F80)
YUV	32.7890, 46.9390, -28.7560
Hunter-Lab	15.9326, 21.2591, -65.8068

Details

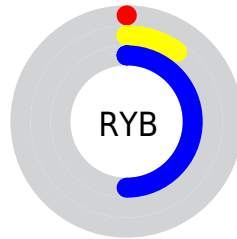
The HunterLab color **15.9326, 21.2591, -65.8068** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **36.2517, 1.4492, 22.3628**, and the grayscale version is **12.1355, -0.6475, 0.6593**.

A 20% lighter version of the original color is **31.7361, 24.2399, -62.6998**, and **7.4166, 20.1175, -52.6980** is the 20% darker color. If you saturate the color by 10%, you get **15.9304, 21.2660, -65.8188**, and if you desaturate by 10%, it is **17.9105, 16.9145, -56.2717**.

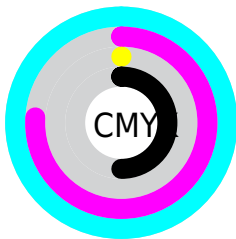
Distribution



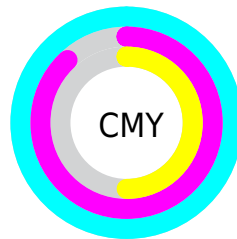
- Red (0%)
- Green (12%)
- Blue (50%)



- Red (0%)
- Yellow (10%)
- Blue (50%)



- Cyan (100%)
- Magenta (76%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (88%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9326, 21.2591, -65.8068 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 15.9326, 21.2591, -65.8068 by changing the saturation by 10% instead.

■ 15.9326, 21.2591,
-65.8068

■ 15.9326, 21.2591,
-65.8068

■ 110.6440, 30.3104,
-66.3227

■ 9.4650, 19.7021,
-72.9419

■ 31.8428, 24.0956,
-62.2985

0.0000, INF, -NF

0.0000, NaN, -NF

■ 41.0693, 25.3093,
-62.2550

0.0000, NaN, -NF

■ 51.0468, 26.3966,
-62.6334

0.0000, NaN, -NF

■ 61.7226, 27.3692,
-63.2357

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 73.0535, 28.2381,
-63.9556


0.0000, NaN, NaN


■ 85.0038, 29.0127,


0.0000, NaN, NaN


-64.7320


 97.5428, 29.7011,
-65.5286

 15.9326, 21.2591,
-65.8068

 15.9326, 21.2591,
-65.8068

 15.9304, 21.2660,
-65.8188

 17.9105, 16.9145,
-56.2717

 20.2207, 12.9041,
-47.1949

 22.8495, 9.4810,
-38.7457

 25.7367, 6.6336,
-31.0718

 28.8343, 4.2906,
-24.1499

■ 32.1058, 2.3678,
-17.8887

■ 35.5236, 0.7880,
-12.1820

■ 39.0663, -0.5137,
-6.9307

■ 42.7179, -1.5893,
-2.0500

Harmonies

Analogous

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



15.9327, -0.8699, -84.5693



15.9326, 21.2591, -65.8068



15.9327, 43.4859, -27.3143

Triad

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



15.9327, 21.2607, -65.8066



15.9327, 21.3096, 11.1529



15.9327, -24.2929, 0.8853

Complementary

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



15.9326, 21.2591, -65.8068



36.2517, 1.4492, 22.3628

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.



15.9327, -21.9117, 11.1529



15.9326, 21.2591, -65.8068



15.9327, -0.8320, 11.1529

Square

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



15.9327, 21.2607, -65.8066



15.9327, 43.5221, 11.1529



15.9327, -15.0783, 11.1529



15.9327, -21.9211, -27.2390

Rectangle

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



15.9326, 21.2591, -65.8068



15.9327, 51.9320, -6.2756



15.9327, -15.0783, 11.1529



15.9327, -24.0218, 5.7308

Sweetspot

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



15.9327, 21.2607, -65.8066



46.8117, 1.1799, -16.6751



40.3523, -27.1292, 8.1287



21.8644, 0.9130, -9.3395



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



15.9327, 21.2607, -65.8066



20.6640, 29.6871, -89.9142



13.6606, 34.7963, -79.6096



20.8992, -0.8136, -0.7912



15.8692, 21.1575, -65.5081

0.0000, NaN, NaN

Inverse Universe

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



21.6529, 37.5340, 10.4502



28.6950, 49.6780, 14.3805



42.3384, -21.2082, 25.7168



20.8807, 0.7919, 1.1632



21.5609, 37.3793, 10.4009

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 15.9326, 21.2591, -65.8068 looks on a white background.

Color Contrast Check

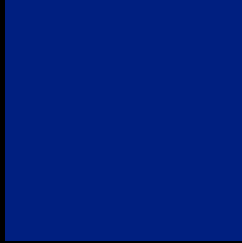
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9326, 21.2591, -65.8068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

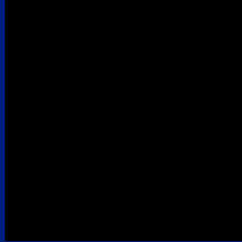
Any Text WCAG AA × Fail

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 15.9326, 21.2591, -65.8068 Background



This preview shows how black text looks on a background with the HunterLab color 15.9326, 21.2591, -65.8068.



This preview shows how white text looks on a background with the HunterLab color 15.9326, 21.2591, -65.8068.

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

15.9326, 21.2591, -65.8068

Protanopia

16.0987, 3.7211, -28.1548

Deuteranopia

16.1169, -1.3159, -17.3041



Tritanopia

16.2009, -8.2282, -2.4875

Trichromacy



Original Color

15.9326, 21.2591, -65.8068

Protanomaly

15.7849, 9.9993, -41.3154

Deuteranomaly

15.6491, 6.2699, -33.0949

Tritanomaly

15.4290, 0.1709, -19.6540

Monochromacy



Original Color

15.9326, 21.2591, -65.8068

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.6878, 4.0928, -17.6660

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9326, 21.2591, -65.8068 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, 31, 128)` looks like.

```
.text, #text, p{  
    color:rgb(0, 31, 128)  
}
```

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, 31, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 31, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9326, 21.2591, -65.8068 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, 31, 128) }
```


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

```
.border{ border-color:rgb(0, 31, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 31, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 31, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 31, 128);  
box-shadow:4px 4px 4px 4px rgb(0, 31, 128)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.9326, 21.2591, -65.8068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 31, 128) }
```

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

```
.background{ background-color: rgb(0, 31,  
128) }
```

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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