

Converting Colors

HunterLab(19.9946, 27.9362,
-83.1114)

Have a look what the booklet for
HunterLab(19.9946, 27.9362,
-83.1114) contains.

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Color

**HunterLab(19.9946, 27.9362,
-83.1114)**

Conversions

Conversions Part 1

Format	Color
Hex	0C279E
RGB	12, 39, 158
RGB Percent	5%, 15%, 62%
CMY	0.9529, 0.8471, 0.3804
CMYK	0.92, 0.75, 0.00, 0.38
HSL	229°, 86%, 33%
HSV	229°, 92%, 62%
XYZ	7.0487, 3.9978, 32.7480
YIQ	44.4930, -54.2910, 31.2850

Conversions

Conversions Part 2

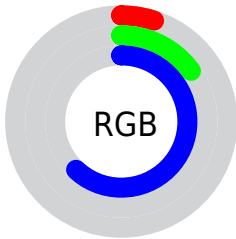
Format	Color
R_{YB}	12, 35, 158
Decimal	796574
CIE _{Lab}	23.66, 39.10, -65.61
CIE _{LCh}	24, 76.382, 300.794
Yxy	3.9979, 0.1610, 0.0913
Android (android.graphics.Color)	4278986654 (0xFF0C279E)
YUV	44.4930, 55.9590, -28.4964
Hunter-Lab	19.9946, 27.9362, -83.1114

Details

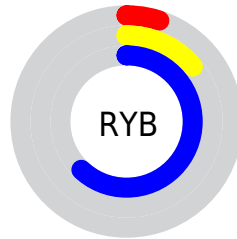
The HunterLab color **19.9946, 27.9362, -83.1114** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **48.5130, -2.8951, 29.4168**, and the grayscale version is **15.8690, -0.8467, 0.8622**.

A 20% lighter version of the original color is **36.9152, 31.1380, -78.8860**, and **10.0991, 27.3938, -71.7585** is the 20% darker color. If you saturate the color by 10%, you get **18.3223, 32.3889, -92.8195**, and if you desaturate by 10%, it is **22.7116, 22.0943, -70.0646**.

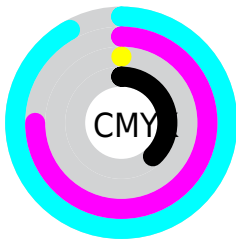
Distribution



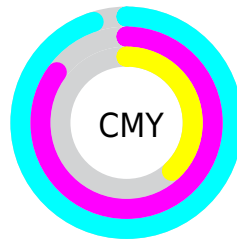
- Red (5%)
- Green (15%)
- Blue (62%)



- Red (5%)
- Yellow (14%)
- Blue (62%)



- Cyan (92%)
- Magenta (75%)
- Yellow (0%)
- Black (38%)



- Cyan (95%)
- Magenta (85%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.9946, 27.9362, -83.1114 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 19.9946, 27.9362, -83.1114 by changing the saturation by 10% instead.

■ 19.9946, 27.9362,
-83.1114

■ 19.9946, 27.9362,
-83.1114

■ 118.1801, 38.7859,
-82.3859

■ 12.9321, 26.2224,
-90.2712

■ 36.8881, 31.1384,
-78.8027

■ 6.3693, 29.3499,
-120.4115

■ 46.5404, 32.5533,
-78.4997

0.0000, INF, -NF

0.0000, NaN, -NF

■ 56.9128, 33.8468,
-78.7132

0.0000, NaN, -NF

■ 67.9585, 35.0272,
-79.2240

0.0000, NaN, -NF

■ 79.6386, 36.1034,
-79.9081

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.9204, 37.0838,

-80.6913

0.0000, NaN, NaN

104.7758, 37.9758,
-81.5272

19.9946, 27.9362,
-83.1114

19.9946, 27.9362,
-83.1114

18.3223, 32.3889,
-92.8195

22.7116, 22.0943,
-70.0646

25.9784, 16.8632,
-57.5241

29.6801, 12.4064,
-46.1135

33.7251, 8.6807,
-35.9358

38.0450, 5.5738,
-26.8709

■ 42.5899, 2.9681,
-18.7364

■ 47.3231, 0.7619,
-11.3544

■ 52.2172, -1.1265,
-4.5733

■ 57.2513, -2.7611,
1.7298

Harmonies

Analogous

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



19.9947, -0.4342, -108.4358



19.9946, 27.9362, -83.1114



19.9947, 56.1061, -33.6075

Triad

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



19.9947, 27.9382, -83.1111



19.9947, 26.3054, 13.9963



19.9947, -29.4057, 0.4799

Complementary

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



19.9946, 27.9362, -83.1114



48.5130, -2.8951, 29.4168

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.



19.9947, -27.2896, 13.2645



19.9946, 27.9362, -83.1114



19.9947, -1.6939, 13.9963

Square

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



19.9947, 27.9382, -83.1111



19.9947, 54.8946, 13.6445



19.9947, -19.4265, 13.9963



19.9947, -27.0528, -36.1279

Rectangle

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



19.9946, 27.9362, -83.1114



19.9947, 66.5150, -7.1414



19.9947, -19.4265, 13.9963



19.9947, -29.1929, 6.8452

Sweetspot

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



19.9947, 27.9382, -83.1111



59.8173, 2.8000, -21.3175



51.0999, -32.3873, 6.9017



27.1773, 1.9373, -12.1119



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



19.9947, 27.9382, -83.1111



24.2488, 45.2074, -127.8986



18.8881, 41.8305, -89.1695



25.7367, -0.7968, -1.2180



16.5324, 28.5171, -82.2244



3.1101, 1.3910, -6.8901

Inverse Universe

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



27.7112, 45.5411, 13.7663



36.5263, 62.9385, 20.6095



52.9828, -27.8332, 31.7704



25.8170, 1.0105, 1.6070



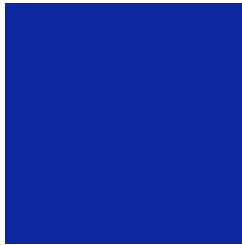
24.2861, 41.9049, 13.2568



3.3210, 5.8739, 0.6998

Previews

White Background



This preview shows how the HunterLab color 19.9946, 27.9362, -83.1114 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 19.9946, 27.9362, -83.1114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

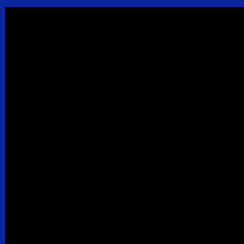
Any Text WCAG AA × Fail

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 19.9946, 27.9362, -83.1114 Background



This preview shows how black text looks on a background with the HunterLab color 19.9946, 27.9362, -83.1114.



This preview shows how white text looks on a background with the HunterLab color 19.9946, 27.9362, -83.1114.

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

19.9946, 27.9362, -83.1114

Protanopia

19.9253, 5.0917, -35.8964

Deuteranopia

20.0244, -1.4492, -21.9003



Tritanopia

19.8705, -9.9719, -3.3099

Trichromacy



Original Color

19.9946, 27.9362, -83.1114

Protanomaly

19.6498, 13.2600, -52.4503

Deuteranomaly

19.5905, 8.2516, -41.5623

Tritanomaly

18.8812, 1.1938, -25.4122

Monochromacy



Original Color

19.9946, 27.9362, -83.1114

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

16.1830, 5.4686, -21.4197

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.9946, 27.9362, -83.1114 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(12, 39, 158)` looks like.

```
.text, #text, p{  
    color:rgb(12, 39, 158)  
}
```

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(12, 39, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 39, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 19.9946, 27.9362, -83.1114 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(12, 39, 158) }
```


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

```
.border{ border-color:rgb(12, 39, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 39, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 39, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 39, 158);  
box-shadow:4px 4px 4px 4px rgb(12, 39,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.9946, 27.9362, -83.1114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 39, 158) }
```

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

```
.background{ background-color: rgb(12, 39,  
158) }
```

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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