

Converting Colors

HunterLab(19.7312, 30.5492,
-84.6437)

Have a look what the booklet for
HunterLab(19.7312, 30.5492,
-84.6437) contains.

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Color

**HunterLab(19.6910, 30.5688,
-84.7310)**

Conversions

Conversions Part 1

Format	Color
Hex	19239E
RGB	25, 35, 158
RGB Percent	10%, 14%, 62%
CMY	0.9019, 0.8628, 0.3804
CMYK	0.84, 0.78, 0.00, 0.38
HSL	235°, 73%, 36%
HSV	235°, 84%, 62%
XYZ	7.1735, 3.8774, 32.7180
YIQ	46.0320, -45.4430, 36.1330

Conversions

Conversions Part 2

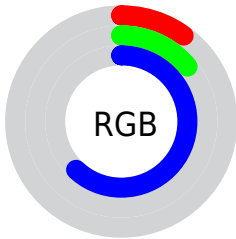
Format	Color
R_YB	25, 34, 158
Decimal	1647518
CIE _{Lab}	23.26, 42.07, -66.27
CIE _{LCh}	23, 78.493, 302.410
Yxy	3.8774, 0.1639, 0.0886
Android (android.graphics.Color)	4279837598 (0xFF19239E)
YUV	46.0320, 55.2002, -18.4451
Hunter-Lab	19.6910, 30.5688, -84.7310

Details

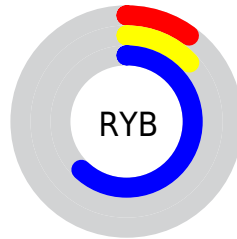
The HunterLab color **19.6910, 30.5688, -84.7310** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **53.4080, -10.3482, 31.7068**, and the grayscale version is **16.3747, -0.8737, 0.8897**.

A 20% lighter version of the original color is **36.4435, 34.2317, -80.4452**, and **10.0991, 27.3938, -71.7585** is the 20% darker color. If you saturate the color by 10%, you get **17.4415, 36.4490, -98.5768**, and if you desaturate by 10%, it is **22.7691, 24.4592, -69.7742**.

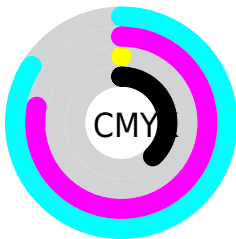
Distribution



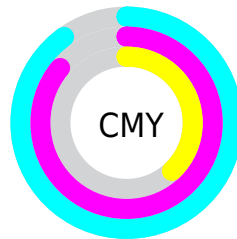
- Red (10%)
- Green (14%)
- Blue (62%)



- Red (10%)
- Yellow (13%)
- Blue (62%)



- Cyan (84%)
- Magenta (78%)
- Yellow (0%)
- Black (38%)



- Cyan (90%)
- Magenta (86%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.6910, 30.5688, -84.7310 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 19.6910, 30.5688, -84.7310 by changing the saturation by 10% instead.

■ 19.6910, 30.5688,
-84.7310

■ 19.6910, 30.5688,
-84.7310

■ 117.6302, 42.4249,
-83.4724

■ 12.6697, 28.8052,
-92.4050

■ 36.5154, 33.9784,
-80.0545

■ 6.0093, 33.6997,
-127.9813

■ 46.1376, 35.5106,
-79.6775

0.0000, INF, -NF

0.0000, NaN, -NF

■ 56.4820, 36.9223,
-79.8469

0.0000, NaN, -NF

■ 67.5013, 38.2199,
-80.3316

0.0000, NaN, -NF

■ 79.1566, 39.4114,
-81.0011

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.4147, 40.5047,

-81.7773

0.0000, NaN, NaN

104.2475, 41.5070,
-82.6116

19.6910, 30.5688,
-84.7310

19.6910, 30.5688,
-84.7310

17.4415, 36.4490,
-98.5768

22.7691, 24.4592,
-69.7742

16.5174, 39.1922,
-105.2500

26.4942, 18.8733,
-55.7337

30.7100, 14.0267,
-43.2831

35.3018, 9.8735,
-32.4031

40.1891, 6.2921,
-22.8475

■ 45.3157, 3.1605,
-14.3446

■ 50.6415, 0.3771,
-6.6605

■ 56.1375, -2.1368,
0.3898

■ 61.7818, -4.4411,
6.9487

Harmonies

Analogous

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



19.6911, 0.9418, -114.0605



19.6910, 30.5688, -84.7310



19.6911, 59.4047, -32.3752

Triad

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



19.6911, 30.5708, -84.7307



19.6911, 25.4331, 13.7838



19.6911, -29.6257, -0.8802

Complementary

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



19.6910, 30.5688, -84.7310



53.4080, -10.3482, 31.7068

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.



19.6911, -27.6660, 12.9936



19.6910, 30.5688, -84.7310



19.6911, -2.9689, 13.7838

Square

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



19.6911, 30.5708, -84.7307



19.6911, 55.5654, 13.7838



19.6911, -20.2864, 13.7838



19.6911, -26.9354, -40.4113

Rectangle

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



19.6910, 30.5688, -84.7310



19.6911, 69.4579, -5.7087



19.6911, -20.2864, 13.7838



19.6911, -29.4890, 6.0635

Sweetspot

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



19.6911, 30.5708, -84.7307



60.1389, 4.7864, -20.7732



51.7346, -28.8159, -0.2223



27.4592, 2.9189, -11.6244



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.



19.6911, 30.5708, -84.7307



21.9981, 53.8899, -143.8285



22.1099, 40.9406, -72.4035



25.5173, -0.4257, -1.4934



14.8664, 34.7301, -93.5540



2.4554, 3.0345, -9.6196

Inverse Universe

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



28.4364, 42.8361, 14.9573



36.3822, 62.4044, 22.7432



52.3291, -30.3501, 30.6707



25.7950, 0.8920, 1.9211



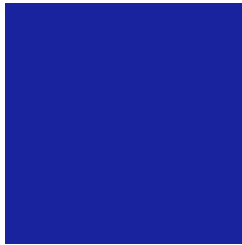
24.1771, 41.5013, 14.8685



3.2652, 5.6688, 1.5122

Previews

White Background



This preview shows how the HunterLab color 19.6910, 30.5688, -84.7310 looks on a white background.

Color Contrast Check

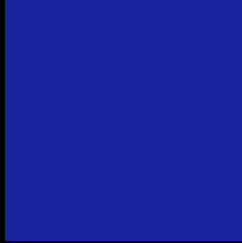
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6910, 30.5688, -84.7310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

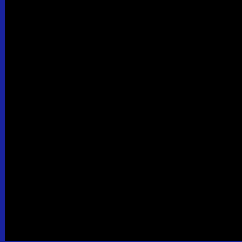
Any Text WCAG AA × Fail

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 19.6910, 30.5688, -84.7310 Background



This preview shows how black text looks on a background with the HunterLab color 19.6910, 30.5688, -84.7310.



This preview shows how white text looks on a background with the HunterLab color 19.6910, 30.5688, -84.7310.

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

19.6910, 30.5688, -84.7310

Protanopia

19.5719, 4.9644, -35.1798

Deuteranopia

19.6739, -1.5457, -21.2539



Tritanopia

19.5625, -9.8099, -3.2746

Trichromacy



Original Color

19.6910, 30.5688, -84.7310

Protanomaly

19.1731, 13.8495, -52.1678

Deuteranomaly

19.1604, 9.1654, -42.0390

Tritanomaly

18.4795, 2.3649, -26.4451

Monochromacy



Original Color

19.6910, 30.5688, -84.7310

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.6016, 6.9406, -21.8509

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.6910, 30.5688, -84.7310 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(25, 35, 158)` looks like.

```
.text, #text, p{  
    color:rgb(25, 35, 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(25, 35, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 35, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 19.6910, 30.5688, -84.7310 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(25, 35, 158) }
```


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

```
.border{ border-color:rgb(25, 35, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 35, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 35, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 35, 158);  
box-shadow:4px 4px 4px 4px rgb(25, 35,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.6910, 30.5688, -84.7310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 35, 158) }
```

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

```
.background{ background-color: rgb(25, 35,  
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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