

Converting Colors

HunterLab(17.8583, 36.0933,
-95.9092)

Have a look what the booklet for
HunterLab(17.8583, 36.0933,
-95.9092) contains.

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Color

**HunterLab(17.8350, 36.1153,
-95.9132)**

Conversions

Conversions Part 1

Format	Color
Hex	13169E
RGB	19, 22, 158
RGB Percent	7%, 9%, 62%
CMY	0.9254, 0.9137, 0.3804
CMYK	0.88, 0.86, 0.00, 0.38
HSL	239°, 79%, 35%
HSV	239°, 88%, 62%
XYZ	6.7270, 3.1809, 32.6071
YIQ	36.6070, -45.4440, 41.6600

Conversions

Conversions Part 2

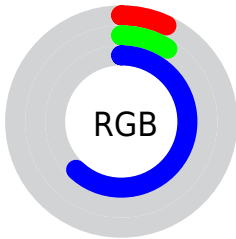
Format	Color
RYB	19, 22, 158
Decimal	1250974
CIELab	20.75, 48.40, -70.44
CIELCh	21, 85.465, 304.495
Yxy	3.1809, 0.1582, 0.0748
Android (android.graphics.Color)	4279441054 (0xFF13169E)
YUV	36.6070, 59.8467, -15.4413
Hunter-Lab	17.8350, 36.1153, -95.9132




Details

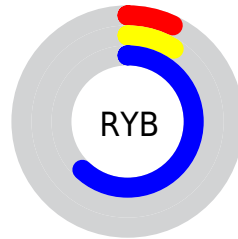
The HunterLab color **17.8350, 36.1153, -95.9132** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **55.4669, -13.5789, 33.2814**, and the grayscale version is **13.3022, -0.7098, 0.7227**.



A 20% lighter version of the original color is **34.2376, 39.9323, -88.3730**, and **10.0991, 27.3938, -71.7585** is the 20% darker color. If you saturate the color by 10%, you get **16.2211, 40.7498, -107.5264**, and if you desaturate by 10%, it is **20.4316, 30.0684, -80.7531**.

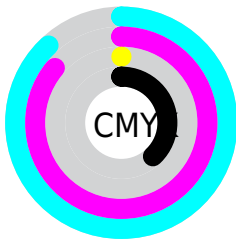
Distribution







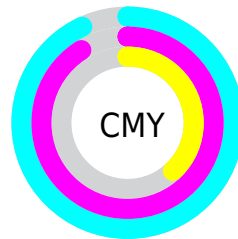
-  Red (7%)
-  Green (9%)
-  Blue (62%)






-  Red (7%)
-  Yellow (9%)
-  Blue (62%)



-  Cyan (88%)
-  Magenta (86%)
-  Yellow (0%)
-  Black (38%)



-  Cyan (93%)
-  Magenta (91%)
-  Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.8350, 36.1153, -95.9132 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 17.8350, 36.1153, -95.9132 by changing the saturation by 10% instead.

■ 17.8350, 36.1153,
-95.9132

■ 17.8350, 36.1153,
-95.9132

■ 114.2238, 50.1007,
-90.5332

■ 11.0765, 34.3915,
-107.6366

■ 34.2224, 39.9041,
-88.4322

■ 2.8896, 77.3693,
-271.6210

■ 43.6547, 41.6848,
-87.4943

0.0000, INF, -NF

0.0000, NaN, -NF

■ 53.8228, 43.3532,
-87.3259

0.0000, NaN, -NF

■ 64.6769, 44.9081,
-87.6053

0.0000, NaN, -NF

■ 76.1760, 46.3540,
-88.1535

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.2858, 47.6971,

-88.8643

0.0000, NaN, NaN

100.9769, 48.9439,
-89.6718

17.8350, 36.1153,
-95.9132

17.8350, 36.1153,
-95.9132

16.2211, 40.7498,
-107.5264

20.4316, 30.0684,
-80.7531

15.9441, 41.6022,
-109.7359

23.8773, 23.9032,
-65.1915

27.9673, 18.3068,
-51.0227

32.5395, 13.4263,
-38.6550

37.4797, 9.1872,
-27.9161

■ 42.7099, 5.4636,
-18.4920

■ 48.1761, 2.1382,
-10.0869

■ 53.8400, -0.8830,
-2.4617

■ 59.6737, -3.6717,
4.5666

Harmonies

Analogous

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



17.8350, 3.0499, -135.8987



17.8350, 36.1153, -95.9132



17.8350, 68.2594, -32.9922

Triad

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



17.8350, 36.1177, -95.9133



17.8350, 25.4115, 12.4845



17.8350, -30.1716, -3.0796

Complementary

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



17.8350, 36.1153, -95.9132



55.4669, -13.5789, 33.2814

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.



17.8350, -28.2009, 12.4845



17.8350, 36.1153, -95.9132



17.8350, -4.6305, 12.4845

Square

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



17.8350, 36.1177, -95.9133



17.8350, 60.0133, 12.4845



17.8350, -21.0762, 12.4845



17.8350, -26.5644, -50.6935

Rectangle

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



17.8350, 36.1153, -95.9132



17.8350, 78.6536, -4.1014



17.8350, -21.0762, 12.4845



17.8350, -30.1395, 4.8866

Sweetspot

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



17.8350, 36.1177, -95.9133



58.6098, 6.6800, -23.1932



51.8695, -27.8781, -3.1568



26.7154, 3.9029, -12.8617



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.



17.8350, 36.1177, -95.9133



21.3989, 56.4410, -148.5867



21.9408, 43.3633, -73.1334



25.4104, -0.2439, -1.6284



14.2953, 37.1166, -97.9920



2.0608, 4.3567, -11.9808

Inverse Universe

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



27.9165, 43.7225, 16.3558



36.3461, 62.2705, 23.2790



51.8028, -32.5145, 30.6455



25.7844, 0.8346, 2.0732



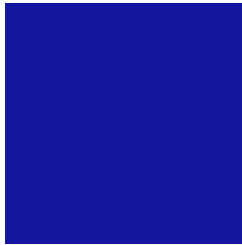
24.1423, 41.3722, 15.3848



3.2375, 5.5665, 1.9199

Previews

White Background



This preview shows how the HunterLab color 17.8350, 36.1153, -95.9132 looks on a white background.

Color Contrast Check

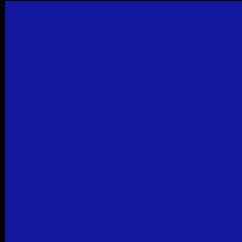
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.8350, 36.1153, -95.9132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

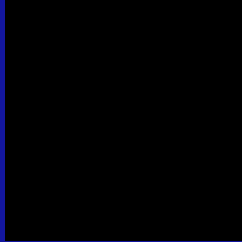
Any Text WCAG AA × Fail

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 17.8350, 36.1153, -95.9132 Background



This preview shows how black text looks on a background with the HunterLab color 17.8350, 36.1153, -95.9132.



This preview shows how white text looks on a background with the HunterLab color 17.8350, 36.1153, -95.9132.

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

17.8350, 36.1153, -95.9132

Protanopia

17.8210, 4.3357, -31.6343

Deuteranopia

18.0299, -1.5097, -19.2769



Tritanopia

18.0056, -9.1791, -2.6905

Trichromacy



Original Color

17.8350, 36.1153, -95.9132

Protanomaly

17.1063, 15.8545, -54.1300

Deuteranomaly

17.0099, 11.1194, -43.7791

Tritanomaly

16.3486, 4.7332, -29.1067

Monochromacy



Original Color

17.8350, 36.1153, -95.9132

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.7954, 8.6864, -24.8040

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.8350, 36.1153, -95.9132 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(19, 22, 158)` looks like.

```
.text, #text, p{  
    color:rgb(19, 22, 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(19, 22, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 22, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 17.8350, 36.1153, -95.9132 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(19, 22, 158) }
```


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

```
.border{ border-color:rgb(19, 22, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 22, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 22, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 22, 158);  
box-shadow:4px 4px 4px 4px rgb(19, 22,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.8350, 36.1153, -95.9132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 22, 158) }
```

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

```
.background{ background-color: rgb(19, 22,  
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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