

Converting Colors

HunterLab(6.7360, 56.6723,
-192.0472)

Have a look what the booklet for
HunterLab(6.7360, 56.6723,
-192.0472) contains.

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Color

**HunterLab(13.1196, 35.5868,
-93.2201)**

Conversions

Conversions Part 1

Format	Color
Hex	000086
RGB	0, 0, 134
RGB Percent	0%, 0%, 53%
CMY	0.9999, 1.0000, 0.4745
CMYK	1.00, 1.00, 0.00, 0.47
HSL	240°, 100%, 26%
HSV	240°, 100%, 53%
XYZ	4.3031, 1.7212, 22.6598
YIQ	15.2760, -43.0140, 41.6740

Conversions

Conversions Part 2

Format	Color
RYB	0, 0, 134
Decimal	134
CIELab	13.95, 49.11, -66.88
CIELCh	14, 82.973, 306.288
Yxy	1.7214, 0.1500, 0.0600
Android (android.graphics.Color)	4278190214 (0xFF000086)
YUV	15.2760, 58.5309, -13.3971
Hunter-Lab	13.1196, 35.5868, -93.2201

Details

The HunterLab color **13.1196, 35.5868, -93.2201** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **47.0289, -12.6378, 28.7578**, and the grayscale version is **6.8389, -0.3649, 0.3716**.

A 20% lighter version of the original color is **28.3106, 39.1650, -82.6960**, and **7.9027, 21.4362, -56.1523** is the 20% darker color. If you saturate the color by 10%, you get **13.1201, 35.5873, -93.2167**, and if you desaturate by 10%, it is **14.5196, 31.4416, -82.6024**.

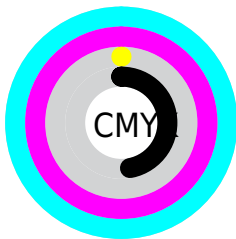
Distribution



- Red (0%)
- Green (0%)
- Blue (53%)



- Red (0%)
- Yellow (0%)
- Blue (53%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.1196, 35.5868, -93.2201 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 13.1196, 35.5868, -93.2201 by changing the saturation by 10% instead.

■ 13.1196, 35.5868,
-93.2201

■ 13.1196, 35.5868,
-93.2201

■ 105.1526, 50.1975,
-83.7279

■ 6.6138, 39.0334,
-122.1254

■ 28.2574, 39.3444,
-82.5081

0.0000, INF, -NF

0.0000, NaN, -NF

■ 37.1544, 41.2144,
-81.1601

0.0000, NaN, -NF

■ 46.8281, 42.9831,
-80.7884

0.0000, NaN, -NF

■ 57.2204, 44.6391,
-80.9588

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.2848, 46.1832,
-81.4436

0.0000, NaN, NaN

■ 79.9826, 47.6201,

0.0000, NaN, NaN

-82.1136

■ 92.2812, 48.9561,
-82.8913

■ 13.1196, 35.5868,
-93.2201

■ 13.1196, 35.5868,
-93.2201

■ 13.1201, 35.5873,
-93.2167

■ 14.5196, 31.4416,
-82.6024

■ 16.5120, 26.6428,
-70.3455

■ 19.2555, 21.4786,
-57.2066

■ 22.5745, 16.6693,
-45.0353

■ 26.3234, 12.4250,
-34.3631

■ 30.3984, 8.7171,
-25.1069

■ 34.7284, 5.4490,
-17.0111

■ 39.2644, 2.5233,
-9.8189

■ 43.9719, -0.1407,
-3.3186

Harmonies

Analogous

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



13.1201, 4.3384, -139.1841



13.1196, 35.5868, -93.2201



13.1201, 66.2531, -28.5978

Triad

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



13.1201, 35.5873, -93.2167



13.1201, 21.4038, 9.1840



13.1201, -22.9601, -4.5904

Complementary

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



13.1196, 35.5868, -93.2201



47.0289, -12.6378, 28.7578

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.



13.1201, -22.9601, 9.1840



13.1196, 35.5868, -93.2201



13.1201, -5.0782, 9.1840

Square

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



13.1201, 35.5873, -93.2167



13.1201, 54.9107, 9.1840



13.1201, -19.2975, 9.1840



13.1201, -22.9601, -53.7106

Rectangle

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



13.1196, 35.5868, -93.2201



13.1201, 75.4683, -2.2137



13.1201, -19.2975, 9.1840



13.1201, -22.9601, 3.0921

Sweetspot

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



13.1201, 35.5873, -93.2167



45.7087, 7.5038, -23.2488



43.3261, -22.9694, -4.5695



20.7084, 4.2744, -12.7971



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



13.1201, 35.5873, -93.2167



17.4149, 47.2371, -123.7336



17.0720, 39.3183, -67.1219



21.3180, -0.1755, -1.3314



12.7010, 34.4507, -90.2393



0.7477, 2.0278, -5.3104

Inverse Universe

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



26.0559, 51.2254, -34.3551



34.5856, 67.9945, -45.6013



42.7125, -29.4459, 25.8038



21.8239, 1.5412, -0.6540



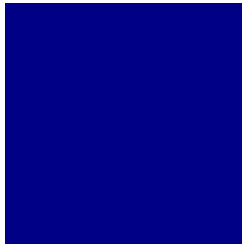
25.2237, 49.5893, -33.2578



1.4847, 2.9189, -1.9579

Previews

White Background



This preview shows how the HunterLab color 13.1196, 35.5868, -93.2201 looks on a white background.

Color Contrast Check

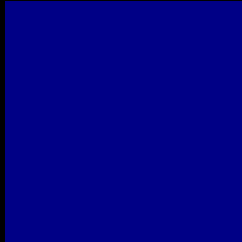
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.1196, 35.5868, -93.2201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

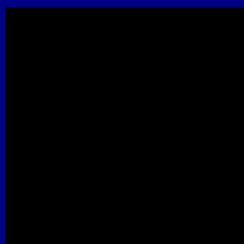
Any Text WCAG AA × Fail

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 13.1196, 35.5868, -93.2201 Background



This preview shows how black text looks on a background with the HunterLab color 13.1196, 35.5868, -93.2201.



This preview shows how white text looks on a background with the HunterLab color 13.1196, 35.5868, -93.2201.

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

13.1196, 35.5868, -93.2201

Protanopia

14.3535, 2.8438, -24.0795

Deuteranopia

14.4416, -1.7621, -14.2469



Tritanopia

14.4292, -7.2952, -2.2871

Trichromacy



Original Color

13.1196, 35.5868, -93.2201

Protanomaly

12.7861, 15.2700, -48.9451

Deuteranomaly

12.5466, 11.7287, -41.0012

Tritanomaly

12.0135, 6.4738, -28.9909

Monochromacy



Original Color

13.1196, 35.5868, -93.2201

Achromatopsia

6.9116, -0.3688, 0.3755

Achromatomaly

7.6622, 9.8274, -26.0814

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.1196, 35.5868, -93.2201 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, 0, 134)` looks like.

```
.text, #text, p{  
    color:rgb(0, 0, 134)  
}
```

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, 0, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 0, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 13.1196, 35.5868, -93.2201 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, 0, 134) }
```


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

```
.border{ border-color:rgb(0, 0, 134) }
```

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

Here you see how a box with a 4 pixel rgb(0, 0, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 0, 134); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 0, 134); box-shadow:4px  
4px 4px 4px rgb(0, 0, 134) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.1196, 35.5868, -93.2201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 0, 134) }
```

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

```
.background{ background-color: rgb(0, 0,  
134) }
```

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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