

Converting Colors

HunterLab(13.7200, 36.2744,
-90.2033)

Have a look what the booklet for
HunterLab(13.7200, 36.2744,
-90.2033) contains.

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Color

**HunterLab(13.7035, 36.2324,
-90.0950)**

Conversions

Conversions Part 1

Format	Color
Hex	120087
RGB	18, 0, 135
RGB Percent	7%, 0%, 53%
CMY	0.9294, 1.0000, 0.4706
CMYK	0.87, 1.00, 0.00, 0.47
HSL	248°, 100%, 26%
HSV	248°, 100%, 53%
XYZ	4.6226, 1.8779, 23.0404
YIQ	20.7720, -32.6070, 45.8010

Conversions

Conversions Part 2

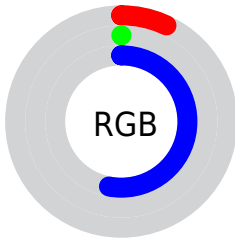
Format	Color
RYB	18, 0, 135
Decimal	1179783
CIELab	14.83, 49.61, -66.02
CIELCh	15, 82.582, 306.923
Yxy	1.8780, 0.1565, 0.0636
Android (android.graphics.Color)	4279369863 (0xFF120087)
YUV	20.7720, 56.3144, -2.4310
Hunter-Lab	13.7035, 36.2324, -90.0950

Details

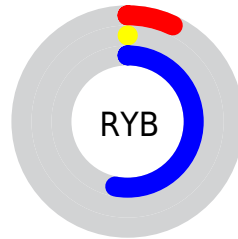
The HunterLab color **13.7035, 36.2324, -90.0950** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **45.9446, -18.2470, 27.9914**, and the grayscale version is **8.4387, -0.4503, 0.4585**.

A 20% lighter version of the original color is **29.0475, 40.0150, -80.8351**, and **8.0006, 21.7016, -56.8475** is the 20% darker color. If you saturate the color by 10%, you get **13.7040, 36.2328, -90.0917**, and if you desaturate by 10%, it is **15.2373, 32.5008, -79.2326**.

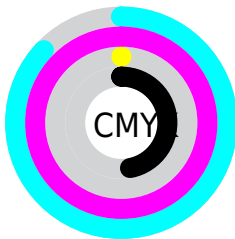
Distribution



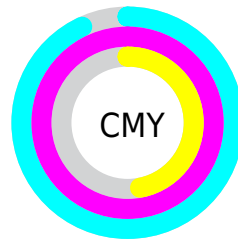
- Red (7%)
- Green (0%)
- Blue (53%)



- Red (7%)
- Yellow (0%)
- Blue (53%)



- Cyan (87%)
- Magenta (100%)
- Yellow (0%)
- Black (47%)



- Cyan (93%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.7035, 36.2324, -90.0950 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 13.7035, 36.2324, -90.0950 by changing the saturation by 10% instead.

■ 13.7035, 36.2324,
-90.0950

■ 13.7035, 36.2324,
-90.0950

■ 106.3148, 50.9294,
-82.3231

■ 7.3150, 37.4713,
-111.7400

■ 29.0093, 40.0219,
-80.6256

0.0000, INF, -NF

0.0000, NaN, -NF

■ 37.9775, 41.8986,
-79.4854

0.0000, NaN, -NF

■ 47.7167, 43.6740,
-79.2325

0.0000, NaN, -NF

■ 58.1701, 45.3372,
-79.4734

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 69.2918, 46.8890,
-79.9999


0.0000, NaN, NaN


■ 81.0438, 48.3342,


0.0000, NaN, NaN


-80.6936


 93.3941, 49.6789,
-81.4830


 13.7035, 36.2324,
-90.0950


 13.7035, 36.2324,
-90.0950


 13.7040, 36.2328,
-90.0917

 15.2373, 32.5008,
-79.2326

 17.3581, 28.1976,
-67.1041

 20.1510, 23.4019,
-54.6157

 23.4624, 18.7357,
-43.1381

 27.1673, 14.4231,
-33.0316

■ 31.1751, 10.4852,
-24.1999

■ 35.4228, 6.8717,
-16.4182

■ 39.8662, 3.5187,
-9.4628

■ 44.4737, 0.3683,
-3.1471

Harmonies

Analogous

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



13.7040, 4.8930, -135.7419



13.7035, 36.2324, -90.0950



13.7040, 66.2769, -27.2520

Triad

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



13.7040, 36.2328, -90.0917



13.7040, 20.7300, 9.5928



13.7040, -23.9819, -5.2120

Complementary

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



13.7035, 36.2324, -90.0950



45.9446, -18.2470, 27.9914

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.



13.7040, -23.9819, 9.5928



13.7035, 36.2324, -90.0950



13.7040, -5.5744, 9.5928

Square

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



13.7040, 36.2328, -90.0917



13.7040, 53.9785, 9.5928



13.7040, -19.4263, 9.5928



13.7040, -23.9819, -54.3251

Rectangle

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



13.7035, 36.2324, -90.0950



13.7040, 74.9534, -1.6570



13.7040, -19.4263, 9.5928



13.7040, -23.9819, 2.7797

Sweetspot

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



13.7040, 36.2328, -90.0917



47.0125, 9.5088, -22.6329



38.0419, -16.2051, -12.5669



21.6071, 5.4130, -12.6764



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



13.7040, 36.2328, -90.0917



18.2221, 48.3966, -121.4854



19.2459, 42.0480, -58.0184



21.3826, 0.0460, -1.2440



13.1738, 34.8045, -86.4009



0.8823, 2.1443, -4.3398

Inverse Universe

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



25.3672, 48.5040, -22.8463



33.9217, 64.8208, -30.2406



42.4187, -32.3421, 25.5720



21.8001, 1.4135, -0.3157



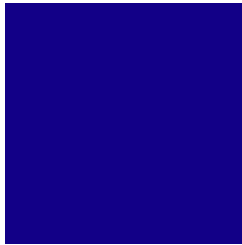
24.3624, 46.5872, -21.9768



1.4594, 2.8310, -1.6292

Previews

White Background



This preview shows how the HunterLab color 13.7035, 36.2324, -90.0950 looks on a white background.

Color Contrast Check

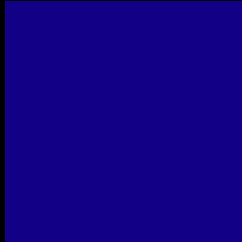
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.7035, 36.2324, -90.0950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

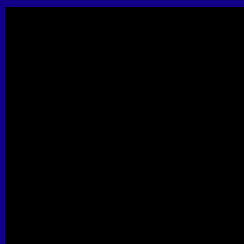
Any Text WCAG AA × Fail

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 13.7035, 36.2324, -90.0950 Background



This preview shows how black text looks on a background with the HunterLab color 13.7035, 36.2324, -90.0950.



This preview shows how white text looks on a background with the HunterLab color 13.7035, 36.2324, -90.0950.

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

13.7035, 36.2324, -90.0950

Protanopia

14.6890, 2.9609, -24.7517

Deuteranopia

14.7739, -1.6756, -14.8491



Tritanopia

14.7221, -7.4494, -2.3203

Trichromacy



Original Color

13.7035, 36.2324, -90.0950

Protanomaly

13.1138, 16.2993, -49.6500

Deuteranomaly

12.7953, 12.4836, -40.9669

Tritanomaly

12.2600, 7.2992, -29.0203

Monochromacy



Original Color

13.7035, 36.2324, -90.0950

Achromatopsia

8.6597, -0.4621, 0.4705

Achromatomaly

8.8565, 10.7410, -24.8645

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.7035, 36.2324, -90.0950 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(18, 0, 135)` looks like.

```
.text, #text, p{  
    color:rgb(18, 0, 135)  
}
```

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(18, 0, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 0, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 13.7035, 36.2324, -90.0950 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(18, 0, 135) }
```


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

```
.border{ border-color:rgb(18, 0, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 0, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 0, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 0, 135);  
box-shadow:4px 4px 4px 4px rgb(18, 0, 135)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.7035, 36.2324, -90.0950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 0, 135) }
```

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

```
.background{ background-color: rgb(18, 0,  
135) }
```

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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