

Converting Colors

HunterLab(13.7210, 35.2533,
-82.2621)

Have a look what the booklet for
HunterLab(13.7210, 35.2533,
-82.2621) contains.

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Color

**HunterLab(13.7395, 35.2594,
-82.0520)**

Conversions

Conversions Part 1	
Format	Color
Hex	1E0082
RGB	30, 0, 130
RGB Percent	12%, 0%, 51%
CMY	0.8823, 1.0000, 0.4902
CMYK	0.77, 1.00, 0.00, 0.49
HSL	254°, 100%, 25%
HSV	254°, 100%, 51%
XYZ	4.5647, 1.8877, 21.2430
YIQ	23.7900, -23.8500, 46.7900

Conversions

Conversions Part 2

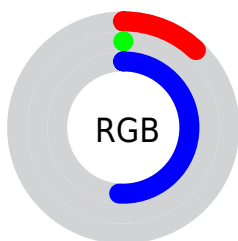
Format	Color
RYB	30, 0, 130
Decimal	1966210
CIELab	14.89, 48.61, -62.74
CIELCh	15, 79.372, 307.768
Yxy	1.8878, 0.1648, 0.0682
Android (android.graphics.Color)	4280156290 (0xFF1E0082)
YUV	23.7900, 52.3615, 5.4462
Hunter-Lab	13.7395, 35.2594, -82.0520

Details

The HunterLab color **13.7395, 35.2594, -82.0520** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **43.2138, -20.9452, 26.2615**, and the grayscale version is **9.3472, -0.4987, 0.5078**.

A 20% lighter version of the original color is **28.9596, 38.9475, -74.3147**, and **7.5134, 20.3801, -53.3859** is the 20% darker color. If you saturate the color by 10%, you get **13.7399, 35.2598, -82.0494**, and if you desaturate by 10%, it is **15.3324, 31.9437, -71.6608**.

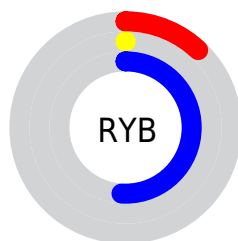
Distribution



Red (12%)

Green (0%)

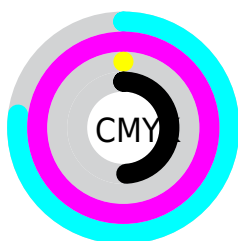
Blue (51%)



Red (12%)

Yellow (0%)

Blue (51%)

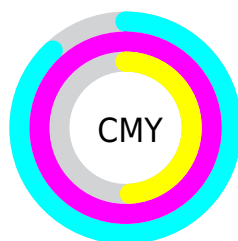


Cyan (77%)

Magenta (100%)

Yellow (0%)

Black (49%)



Cyan (88%)

Magenta (100%)


Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.7395, 35.2594, -82.0520 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 13.7395, 35.2594, -82.0520 by changing the saturation by 10% instead.

 13.7395, 35.2594,
-82.0520

 13.7395, 35.2594,
-82.0520


 106.3859, 49.6943,
-76.7787

 7.3557, 36.3031,
-100.5140


 29.0554, 39.0245,
-74.2987

0.0000, INF, -NF

0.0000, NaN, -NF


 38.0280, 40.8715,
-73.4993

0.0000, NaN, -NF


 47.7712, 42.6135,
-73.4511

0.0000, NaN, -NF

0.0000, NaN, NaN

 58.2283, 44.2419,
-73.8153

0.0000, NaN, NaN

 69.3534, 45.7585,
-74.4131


0.0000, NaN, NaN


 81.1088, 47.1685,


0.0000, NaN, NaN


-75.1430


 93.4622, 48.4783,
-75.9443


 13.7395, 35.2594,
-82.0520


 13.7395, 35.2594,
-82.0520


 13.7399, 35.2598,
-82.0494

 15.3324, 31.9437,
-71.6608

 17.4034, 28.1544,
-60.7325

 20.0589, 23.7947,
-49.6475

 23.1732, 19.4014,
-39.4159

 26.6420, 15.2048,
-30.3165

■ 30.3881, 11.2615,
-22.2835

■ 34.3561, 7.5557,
-15.1442

■ 38.5065, 4.0491,
-8.7197

■ 42.8107, 0.7019,
-2.8568

Harmonies

Analogous

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



13.7399, 5.3675, -125.1481



13.7395, 35.2594, -82.0520



13.7399, 63.0746, -24.3112

Triad

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



13.7399, 35.2598, -82.0494



13.7399, 18.8667, 9.6179



13.7399, -24.0448, -5.7650

Complementary

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



13.7395, 35.2594, -82.0520



43.2138, -20.9452, 26.2615

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.



13.7399, -24.0448, 9.6179



13.7395, 35.2594, -82.0520



13.7399, -5.9271, 9.6179

Square

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



13.7399, 35.2598, -82.0494



13.7399, 50.1962, 9.6179



13.7399, -19.1111, 9.6179



13.7399, -23.5926, -52.4636

Rectangle

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



13.7395, 35.2594, -82.0520



13.7399, 70.6736, -0.8882



13.7399, -19.1111, 9.6179



13.7399, -24.0448, 2.2047

Sweetspot

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



13.7399, 35.2598, -82.0494



45.2262, 10.3521, -20.7087



33.2893, -11.2613, -17.2989



20.6269, 5.7329, -11.3871



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



13.7399, 35.2598, -82.0494



18.0741, 46.6559, -110.0519



19.8686, 42.1372, -50.0416



20.6299, 0.1914, -1.1179



13.4644, 34.5353, -80.2686

0.0000, NaN, NaN

Inverse Universe

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



23.8030, 44.6282, -14.5783



31.5513, 59.0941, -18.8486



40.4421, -32.1992, 24.3565



20.9666, 1.2537, -0.0598



23.3102, 43.7081, -14.3061

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 13.7395, 35.2594, -82.0520 looks on a white background.

Color Contrast Check

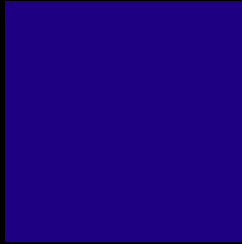
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.7395, 35.2594, -82.0520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

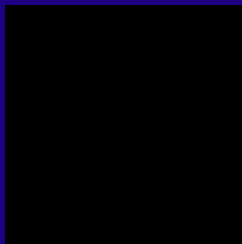
Any Text WCAG AA × Fail

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 13.7395, 35.2594, -82.0520 Background



This preview shows how black text looks on a background with the HunterLab color 13.7395, 35.2594, -82.0520.



This preview shows how white text looks on a background with the HunterLab color 13.7395, 35.2594,

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

13.7395, 35.2594, -82.0520

Protanopia

14.6890, 2.9609, -24.7517

Deuteranopia

14.7739, -1.6756, -14.8491

Trichromacy

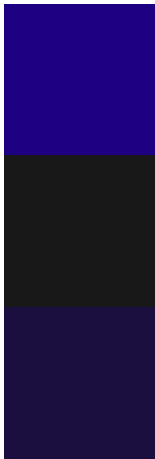


Original Color
13.7395, 35.2594, -82.0520

Protanomaly
13.0614, 15.8810, -47.5616

Deuteranomaly
12.7582, 12.1149, -38.9803

Monochromacy



Original Color
13.7395, 35.2594, -82.0520

Achromatopsia
9.5572, -0.5099, 0.5193

Achromatomaly
9.5924, 11.0149, -22.9630

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.7395, 35.2594, -82.0520 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(30, 0, 130)` looks like.

```
.text, #text, p{  
    color:rgb(30, 0, 130)  
}
```

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(30, 0, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 0, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 13.7395, 35.2594, -82.0520 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(30, 0, 130) }
```

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

```
.border{ border-color:rgb(30, 0, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 0, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 0, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 0, 130);  
box-shadow:4px 4px 4px 4px rgb(30, 0, 130)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 13.7395, 35.2594, -82.0520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 0, 130) }
```

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

```
.background{ background-color: rgb(30, 0,  
130) }
```

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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