

Converting Colors

HunterLab(12.4948, 33.2374,
-83.7052)

Have a look what the booklet for
HunterLab(12.4948, 33.2374,
-83.7052) contains.

HunterLab(12.5149, 33.2631, -83.6240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(12.5149, 33.2631,
-83.6240)**

Conversions

Conversions Part 1

Format	Color
Hex	0D007D
RGB	13, 0, 125
RGB Percent	5%, 0%, 49%
CMY	0.9490, 1.0000, 0.5098
CMYK	0.90, 1.00, 0.00, 0.51
HSL	246°, 100%, 25%
HSV	246°, 100%, 49%
XYZ	3.8676, 1.5662, 19.5005
YIQ	18.1370, -32.3770, 41.6310

Conversions

Conversions Part 2

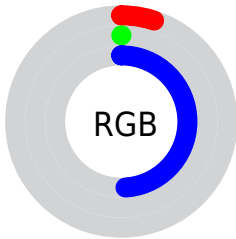
Format	Color
R_{YB}	13, 0, 125
Decimal	852093
CIE _{Lab}	13.02, 46.88, -62.69
CIE _{LCh}	13, 78.283, 306.787
Yxy	1.5663, 0.1551, 0.0628
Android (android.graphics.Color)	4279042173 (0xFF0D007D)
YUV	18.1370, 52.6835, -4.5051
Hunter-Lab	12.5149, 33.2631, -83.6240

Details

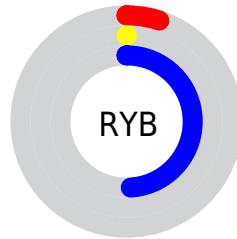
The HunterLab color **12.5149, 33.2631, -83.6240** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **42.5572, -15.6952, 25.9488**, and the grayscale version is **7.6767, -0.4096, 0.4171**.

A 20% lighter version of the original color is **27.4839, 36.7686, -74.4236**, and **7.0314, 19.0728, -49.9614** is the 20% darker color. If you saturate the color by 10%, you get **12.5153, 33.2634, -83.6208**, and if you desaturate by 10%, it is **13.9739, 29.4644, -73.1947**.

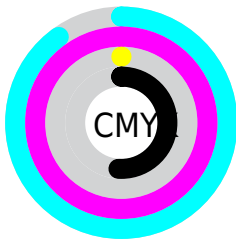
Distribution



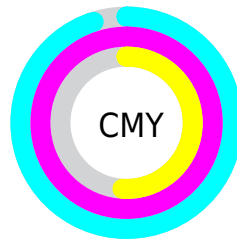
- Red (5%)
- Green (0%)
- Blue (49%)



- Red (5%)
- Yellow (0%)
- Blue (49%)



- Cyan (90%)
- Magenta (100%)
- Yellow (0%)
- Black (51%)



- Cyan (95%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5149, 33.2631, -83.6240 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 12.5149, 33.2631, -83.6240 by changing the saturation by 10% instead.

12.5149, 33.2631,
-83.6240

12.5149, 33.2631,
-83.6240

103.9354, 47.3385,
-76.5393

5.7857, 40.0910,
-117.4057

27.4740, 36.9465,
-74.4833

0.0000, INF, -NF

0.0000, NaN, -NF

36.2955, 38.7589,
-73.4878

0.0000, NaN, -NF

45.8998, 40.4640,
-73.3354

0.0000, NaN, NaN

0.0000, NaN, NaN

56.2276, 42.0533,
-73.6414

0.0000, NaN, NaN

67.2313, 43.5293,
-74.2061

0.0000, NaN, NaN

78.8718, 44.8976,

0.0000, NaN, NaN

-74.9175

91.1160, 46.1651,
-75.7090

12.5149, 33.2631,
-83.6240

12.5149, 33.2631,
-83.6240

12.5153, 33.2634,
-83.6208

13.9739, 29.4644,
-73.1947

15.9389, 25.3746,
-61.9067

18.5209, 20.9168,
-50.3322

21.5770, 16.6420,
-39.7266

24.9920, 12.7333,
-30.4057

■ 28.6832, 9.1944,
-22.2699

■ 32.5930, 5.9699,
-15.1061

■ 36.6813, 2.9956,
-8.7054

■ 40.9192, 0.2152,
-2.8947

Harmonies

Analogous

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



12.5153, 4.3990, -125.7467



12.5149, 33.2631, -83.6240



12.5153, 61.0711, -25.3737

Triad

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



12.5153, 33.2634, -83.6208



12.5153, 19.2362, 8.7607



12.5153, -21.9018, -4.6792

Complementary

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



12.5149, 33.2631, -83.6240



42.5572, -15.6952, 25.9488

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.



12.5153, -21.9018, 8.7607



12.5149, 33.2631, -83.6240



12.5153, -5.0392, 8.7607

Square

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



12.5153, 33.2634, -83.6208



12.5153, 49.9248, 8.7607



12.5153, -18.6785, 8.7607



12.5153, -21.9018, -49.9401

Rectangle

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



12.5149, 33.2631, -83.6240



12.5153, 69.1715, -1.6359



12.5153, -18.6785, 8.7607



12.5153, -21.9018, 2.6257

Sweetspot

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



12.5153, 33.2634, -83.6208



43.2275, 8.2897, -20.8729



36.3038, -16.5701, -9.6065



19.7468, 4.6460, -11.4798



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



12.5153, 33.2634, -83.6208



16.6451, 44.4345, -112.7250



17.2526, 38.1277, -55.3783



20.5706, -0.0113, -1.1978



12.7790, 33.9772, -85.4831

0.0000, NaN, NaN

Inverse Universe

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



23.5150, 45.2436, -23.3590



31.4476, 60.4749, -30.9955



39.1732, -29.1421, 23.6281



20.9880, 1.3685, -0.3638

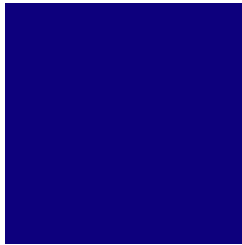


24.0220, 46.2173, -23.8475

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 12.5149, 33.2631, -83.6240 looks on a white background.

Color Contrast Check

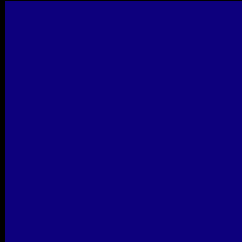
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.5149, 33.2631, -83.6240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

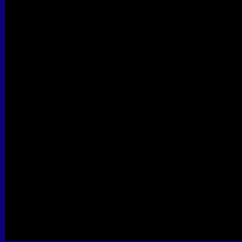
Any Text WCAG AA × Fail

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 12.5149, 33.2631, -83.6240 Background



This preview shows how black text looks on a background with the HunterLab color 12.5149, 33.2631, -83.6240.



This preview shows how white text looks on a background with the HunterLab color 12.5149, 33.2631, -83.6240.

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

12.5149, 33.2631, -83.6240

Protanopia

13.6344, 2.3384, -22.0897

Deuteranopia

13.5377, -1.5441, -13.5878



Tritanopia

13.5565, -6.8358, -2.1879

Trichromacy



Original Color

12.5149, 33.2631, -83.6240

Protanomaly

12.2216, 13.8049, -43.6004

Deuteranomaly

11.8981, 11.1412, -37.4056

Tritanomaly

11.3893, 6.0399, -25.6897

Monochromacy



Original Color

12.5149, 33.2631, -83.6240

Achromatopsia

7.7774, -0.4150, 0.4226

Achromatomaly

8.0306, 9.7714, -23.4592

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5149, 33.2631, -83.6240 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(13, 0, 125)` looks like.

```
.text, #text, p{  
    color:rgb(13, 0, 125)  
}
```

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(13, 0, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 0, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5149, 33.2631, -83.6240 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(13, 0, 125) }
```


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

```
.border{ border-color:rgb(13, 0, 125) }
```

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

Here you see how a box with a 4 pixel rgb(13, 0, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 0, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 0, 125);  
box-shadow:4px 4px 4px 4px rgb(13, 0, 125)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5149, 33.2631, -83.6240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 0, 125) }
```

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

```
.background{ background-color: rgb(13, 0,  
125) }
```

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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