

Converting Colors

HunterLab(18.4002, 44.0099,
-85.0003)

Have a look what the booklet for
HunterLab(18.4002, 44.0099,
-85.0003) contains.

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Color

**HunterLab(18.4117, 44.0217,
-84.9325)**

Conversions

Conversions Part 1

Format	Color
Hex	400099
RGB	64, 0, 153
RGB Percent	25%, 0%, 60%
CMY	0.7490, 1.0000, 0.4000
CMYK	0.58, 1.00, 0.00, 0.40
HSL	265°, 100%, 30%
HSV	265°, 100%, 60%
XYZ	7.8641, 3.3899, 30.3769
YIQ	36.5780, -10.9690, 61.1510

Conversions

Conversions Part 2

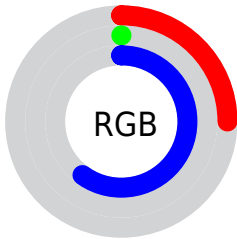
Format	Color
RYB	64, 0, 153
Decimal	4194457
CIELab	21.54, 56.06, -65.96
CIELCh	22, 86.558, 310.361
Yxy	3.3901, 0.1889, 0.0814
Android (android.graphics.Color)	4282384537 (0xFF400099)
YUV	36.5780, 57.3960, 24.0491
Hunter-Lab	18.4117, 44.0217, -84.9325

Details

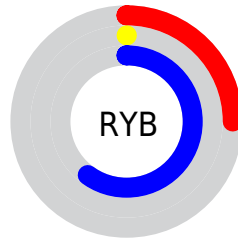
The HunterLab color **18.4117, 44.0217, -84.9325** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **49.9062, -31.8583, 30.1942**, and the grayscale version is **13.2923, -0.7092, 0.7222**.

A 20% lighter version of the original color is **34.8596, 48.2976, -80.2706**, and **9.5922, 26.0188, -68.1565** is the 20% darker color. If you saturate the color by 10%, you get **18.4121, 44.0223, -84.9305**, and if you desaturate by 10%, it is **20.1565, 41.4635, -75.5019**.

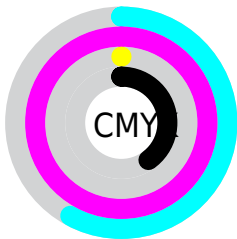
Distribution



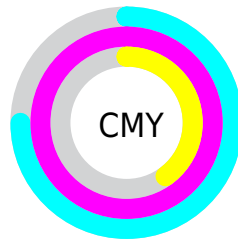
- Red (25%)
- Green (0%)
- Blue (60%)



- Red (25%)
- Yellow (0%)
- Blue (60%)



- Cyan (58%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)



- Cyan (75%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.4117, 44.0217, -84.9325 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 18.4117, 44.0217, -84.9325 by changing the saturation by 10% instead.

18.4117, 44.0217,
-84.9325

18.4117, 44.0217,
-84.9325

115.2914, 59.9838,
-82.7900

11.5698, 42.3817,
-93.7282

34.9381, 48.0905,
-79.6133

4.1328, 67.7384,
-170.9510

44.4306, 50.0903,
-79.1306

0.0000, INF, -NF

0.0000, NaN, -NF

54.6544, 51.9964,
-79.2413

0.0000, NaN, -NF

65.5607, 53.7978,
-79.6920

0.0000, NaN, NaN

77.1092, 55.4933,
-80.3414

0.0000, NaN, NaN

0.0000, NaN, NaN

89.2658, 57.0863,

-81.1057

0.0000, NaN, NaN

102.0017, 58.5814,
-81.9330

18.4117, 44.0217,
-84.9325

18.4117, 44.0217,
-84.9325

18.4121, 44.0223,
-84.9305

20.1565, 41.4635,
-75.5019

22.4592, 37.7259,
-65.0591

25.4071, 32.8759,
-54.0968

28.8887, 27.5519,
-43.5690

32.7990, 22.1372,
-33.8801

■ 37.0533, 16.8110,
-25.0969

■ 41.5870, 11.6361,
-17.1366

■ 46.3520, 6.6192,
-9.8714

■ 51.3122, 1.7444,
-3.1739

Harmonies

Analogous

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



18.4121, 8.9270, -134.6634



18.4117, 44.0217, -84.9325



18.4121, 74.0057, -23.3061

Triad

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



18.4121, 44.0223, -84.9305



18.4121, 19.0742, 12.8885



18.4121, -30.3965, -9.8017

Complementary

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



18.4117, 44.0217, -84.9325



49.9062, -31.8583, 30.1942

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.



18.4121, -29.5389, 11.0759



18.4117, 44.0217, -84.9325



18.4121, -9.1592, 12.8885

Square

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



18.4121, 44.0223, -84.9305



18.4121, 54.8952, 12.8885



18.4121, -23.4992, 12.8885



18.4121, -25.8546, -64.3405

Rectangle

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



18.4117, 44.0217, -84.9325



18.4121, 80.7347, 1.3001



18.4121, -23.4992, 12.8885



18.4121, -30.7301, 0.6993

Sweetspot

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



18.4121, 44.0223, -84.9305



55.2845, 15.9764, -23.5367



30.8000, 0.2472, -39.0309



24.8655, 8.7505, -12.9412



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



18.4121, 44.0223, -84.9305



24.4279, 58.6944, -114.9176



28.1019, 56.3093, -45.2821



24.7916, 0.6579, -1.2829



16.7947, 40.0791, -76.8810



2.5067, 5.4264, -7.1679

Inverse Universe

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



27.3743, 49.5139, -2.7336



36.5818, 66.0749, -2.9306



47.8187, -40.5548, 28.7557



25.0597, 1.3896, 0.4291



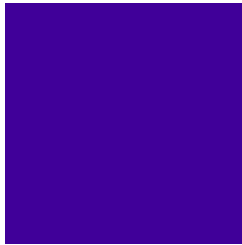
24.8998, 45.0626, -2.6766



3.1612, 5.9277, -1.9427

Previews

White Background



This preview shows how the HunterLab color 18.4117, 44.0217, -84.9325 looks on a white background.

Color Contrast Check

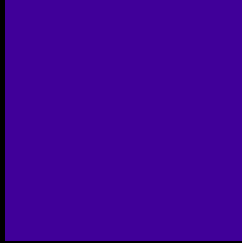
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4117, 44.0217, -84.9325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

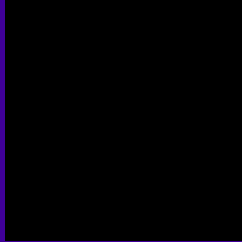
Any Text WCAG AA × Fail

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 18.4117, 44.0217, -84.9325 Background



This preview shows how black text looks on a background with the HunterLab color 18.4117, 44.0217, -84.9325.



This preview shows how white text looks on a background with the HunterLab color 18.4117, 44.0217, -84.9325.

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

18.4117, 44.0217, -84.9325

Protanopia

19.2195, 4.8376, -34.4657

Deuteranopia

19.3713, -1.3842, -21.2244



Tritanopia

19.3161, -6.6219, -3.1019

Trichromacy



Original Color

18.4117, 44.0217, -84.9325

Protanomaly

16.8302, 20.3023, -58.8097

Deuteranomaly

16.4465, 16.1149, -49.1495

Tritanomaly

16.3764, 11.4472, -29.7736

Monochromacy



Original Color

18.4117, 44.0217, -84.9325

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.4986, 14.8609, -23.9126

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.4117, 44.0217, -84.9325 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(64, 0, 153)` looks like.

```
.text, #text, p{  
    color:rgb(64, 0, 153)  
}
```

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(64, 0, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 0, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 18.4117, 44.0217, -84.9325 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(64, 0, 153) }
```


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

```
.border{ border-color:rgb(64, 0, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 0, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 0, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 0, 153);  
box-shadow:4px 4px 4px 4px rgb(64, 0, 153)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.4117, 44.0217, -84.9325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 0, 153) }
```

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

```
.background{ background-color: rgb(64, 0,  
153) }
```

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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