

Converting Colors

HunterLab(18.3674, 45.8925,
-100.0505)

Have a look what the booklet for
HunterLab(18.3674, 45.8925,
-100.0505) contains.

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Color

**HunterLab(18.3696, 45.8532,
-99.7162)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 3400A3 |
| RGB | 52, 0, 163 |
| RGB Percent | 20%, 0%, 64% |
| CMY | 0.7961, 1.0000, 0.3608 |
| CMYK | 0.68, 1.00, 0.00, 0.36 |
| HSL | 259°, 100%, 32% |
| HSV | 259°, 100%, 64% |
| XYZ | 8.0271, 3.3744, 34.8787 |
| YIQ | 34.1300, -21.3310, 61.7170 |

Conversions

Conversions Part 2

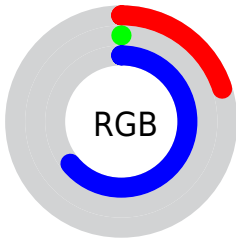
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 52, 0, 163 |
| Decimal | 3408035 |
| CIE Lab | 21.49, 57.80, -72.22 |
| CIE LCh | 21, 92.496, 308.672 |
| Yxy | 3.3746, 0.1735, 0.0729 |
| Android (android.graphics.Color) | 4281598115 (0xFF3400A3) |
| YUV | 34.1300, 63.5329, 15.6720 |
| Hunter-Lab | 18.3696, 45.8532, -99.7162 |

Details

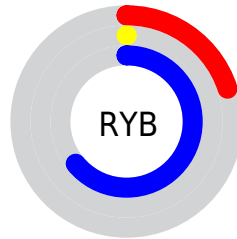
The HunterLab color **18.3696, 45.8532, -99.7162** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **54.3817, -30.6629, 32.9729**, and the grayscale version is **12.4999, -0.6670, 0.6791**.

A 20% lighter version of the original color is **34.8783, 49.8010, -91.5606**, and **10.6103, 28.7805, -75.3908** is the 20% darker color. If you saturate the color by 10%, you get **18.3701, 45.8538, -99.7134**, and if you desaturate by 10%, it is **20.2093, 42.8669, -88.4545**.

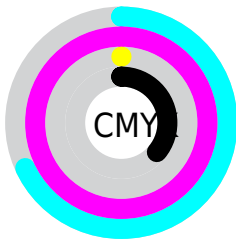
Distribution



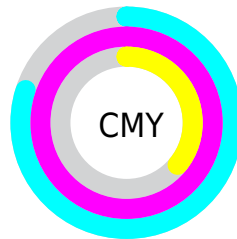
- Red (20%)
- Green (0%)
- Blue (64%)



- Red (20%)
- Yellow (0%)
- Blue (64%)



- Cyan (68%)
- Magenta (100%)
- Yellow (0%)
- Black (36%)



- Cyan (80%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.3696, 45.8532, -99.7162 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 18.3696, 45.8532, -99.7162 by changing the saturation by 10% instead.

18.3696, 45.8532,
-99.7162

18.3696, 45.8532,
-99.7162

115.2140, 62.2390,
-93.7616

11.5338, 44.2658,
-111.6327

34.8861, 49.9656,
-91.9082

4.0555, 71.9335,
-210.5784

44.3742, 52.0118,
-90.8753

0.0000, INF, -NF

0.0000, NaN, -NF

54.5940, 53.9702,
-90.6424

0.0000, NaN, -NF

65.4966, 55.8267,
-90.8793

0.0000, NaN, -NF

77.0414, 57.5787,
-91.4009

0.0000, NaN, NaN

0.0000, NaN, NaN

89.1947, 59.2285,

-92.0971

0.0000, NaN, NaN

101.9273, 60.7803,
-92.8989

18.3696, 45.8532,
-99.7162

18.3696, 45.8532,
-99.7162

18.3701, 45.8538,
-99.7134

20.2093, 42.8669,
-88.4545

22.7465, 38.5387,
-75.6277

26.0350, 33.1409,
-62.2874

29.9278, 27.4246,
-49.7246

34.2942, 21.7798,
-38.3928

■ 39.0337, 16.3517,
-28.2936

■ 44.0726, 11.1653,
-19.2619

■ 49.3576, 6.1975,
-11.1010

■ 54.8494, 1.4116,
-3.6332

Harmonies

Analogous

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



18.3701, 7.8053, -154.1300



18.3696, 45.8532, -99.7162



18.3701, 80.1906, -28.8312

Triad

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



18.3701, 45.8538, -99.7134



18.3701, 22.8211, 12.8591



18.3701, -31.8695, -8.4524

Complementary

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



18.3696, 45.8532, -99.7162



54.3817, -30.6629, 32.9729

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.



18.3701, -30.6177, 12.0913



18.3696, 45.8532, -99.7162



18.3701, -8.3746, 12.8591

Square

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



18.3701, 45.8538, -99.7134



18.3701, 62.2672, 12.8591



18.3701, -23.8893, 12.8591



18.3701, -27.3097, -67.7476

Rectangle

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



18.3696, 45.8532, -99.7162



18.3701, 88.9951, -0.2201



18.3701, -23.8893, 12.8591



18.3701, -32.1144, 2.1416

Sweetspot

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



18.3701, 45.8538, -99.7134



58.5957, 15.3200, -26.4168



37.5462, -7.0525, -31.7052



26.4698, 8.5661, -14.7582



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



18.3701, 45.8538, -99.7134



24.3883, 61.1835, -134.7647



27.6413, 56.9030, -56.2959



26.3904, 0.5097, -1.4849



16.2627, 40.4871, -87.4502



2.8273, 6.3691, -10.0128

Inverse Universe

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



29.8900, 55.0268, -10.4463



39.9530, 73.4698, -13.3232



51.4478, -42.7464, 30.9536



26.7648, 1.6315, 0.1361



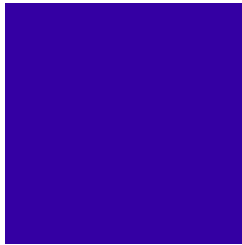
26.3666, 48.5683, -9.4329



3.9253, 7.4082, -2.7806

Previews

White Background



This preview shows how the HunterLab color 18.3696, 45.8532, -99.7162 looks on a white background.

Color Contrast Check

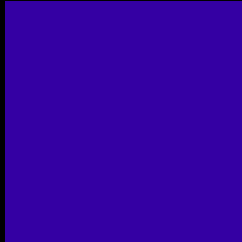
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3696, 45.8532, -99.7162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

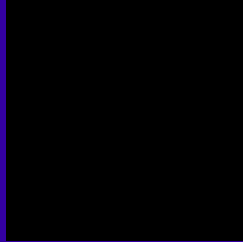
Any Text WCAG AA × Fail

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 18.3696, 45.8532, -99.7162 Background



This preview shows how black text looks on a background with the HunterLab color 18.3696, 45.8532, -99.7162.



This preview shows how white text looks on a background with the HunterLab color 18.3696, 45.8532, -99.7162.

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

18.3696, 45.8532, -99.7162

Protanopia

19.2195, 4.8376, -34.4657

Deuteranopia

19.0696, -1.2229, -21.1955



Tritanopia

19.2553, -9.6484, -3.2393

Trichromacy



Original Color

18.3696, 45.8532, -99.7162

Protanomaly

17.0124, 21.3246, -62.7461

Deuteranomaly

16.5291, 16.7459, -52.1249

Tritanomaly

15.8417, 9.3967, -35.1977

Monochromacy



Original Color

18.3696, 45.8532, -99.7162

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.8036, 15.0482, -27.8954

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.3696, 45.8532, -99.7162 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(52, 0, 163)` looks like.

```
.text, #text, p{  
    color:rgb(52, 0, 163)  
}
```

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(52, 0, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 0, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 18.3696, 45.8532, -99.7162 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(52, 0, 163) }
```


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

```
.border{ border-color:rgb(52, 0, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 0, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 0, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 0, 163);  
box-shadow:4px 4px 4px 4px rgb(52, 0, 163)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.3696, 45.8532, -99.7162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 0, 163) }
```

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

```
.background{ background-color: rgb(52, 0,  
163) }
```

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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