

Converting Colors

HunterLab(17.3329, 42.9523,
-91.6559)

Have a look what the booklet for
HunterLab(17.3329, 42.9523,
-91.6559) contains.

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Color

**HunterLab(17.3312, 42.9502,
-91.6671)**

Conversions

Conversions Part 1

Format	Color
Hex	330099
RGB	51, 0, 153
RGB Percent	20%, 0%, 60%
CMY	0.8000, 1.0000, 0.4000
CMYK	0.67, 1.00, 0.00, 0.40
HSL	260°, 100%, 30%
HSV	260°, 100%, 60%
XYZ	7.1150, 3.0037, 30.3417
YIQ	32.6910, -18.7170, 58.3950

Conversions

Conversions Part 2

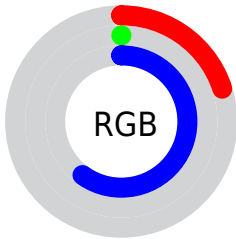
Format	Color
R _Y B	51, 0, 153
Decimal	3342489
CIE Lab	20.06, 55.30, -68.46
CIE LCh	20, 88.007, 308.929
Yxy	3.0039, 0.1759, 0.0742
Android (android.graphics.Color)	4281532569 (0xFF330099)
YUV	32.6910, 59.3123, 16.0570
Hunter-Lab	17.3312, 42.9502, -91.6671

Details

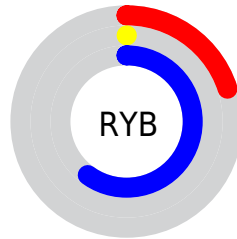
The HunterLab color **17.3312, 42.9502, -91.6671** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **50.6033, -29.0476, 30.6730**, and the grayscale version is **12.0596, -0.6435, 0.6552**.

A 20% lighter version of the original color is **33.5292, 47.1733, -85.1808**, and **9.5922, 26.0188, -68.1565** is the 20% darker color. If you saturate the color by 10%, you get **17.3317, 42.9506, -91.6643**, and if you desaturate by 10%, it is **19.1016, 40.0406, -81.0718**.

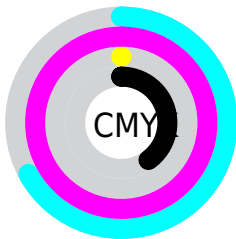
Distribution



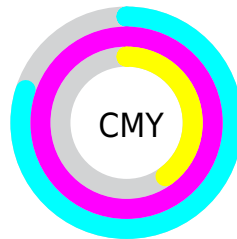
- Red (20%)
- Green (0%)
- Blue (60%)



- Red (20%)
- Yellow (0%)
- Blue (60%)



- Cyan (67%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)



- Cyan (80%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.3312, 42.9502, -91.6671 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 17.3312, 42.9502, -91.6671 by changing the saturation by 10% instead.

■ 17.3312, 42.9502,
-91.6671

■ 17.3312, 42.9502,
-91.6671

■ 113.2859, 58.8065,
-87.0002

■ 10.6478, 41.4033,
-103.0435

■ 33.5958, 46.9776,
-84.6118

■ 0.8108, 321.7679,
-884.1009

■ 42.9749, 48.9691,
-83.7889

0.0000, INF, -NF

0.0000, NaN, -NF

■ 53.0936, 50.8675,
-83.6965

0.0000, NaN, -NF

■ 63.9014, 52.6606,
-84.0248

0.0000, NaN, NaN

■ 75.3569, 54.3472,
-84.6026


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 87.4252, 55.9304,


-85.3290


0.0000, NaN, NaN


 100.0768, 57.4150,
-86.1416


 17.3312, 42.9502,
-91.6671


 17.3312, 42.9502,
-91.6671


 17.3317, 42.9506,
-91.6643

 19.1016, 40.0406,
-81.0718

 21.4804, 36.0160,
-69.3175

 24.5403, 31.0158,
-57.1475

 28.1496, 25.7108,
-45.6803

 32.1915, 20.4548,
-35.3118

■ 36.5755, 15.3836,
-26.0462

■ 41.2349, 10.5244,
-17.7399

■ 46.1211, 5.8598,
-10.2198

■ 51.1984, 1.3586,
-3.3280

Harmonies

Analogous

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



17.3317, 7.5279, -142.2319



17.3312, 42.9502, -91.6671



17.3317, 74.6466, -26.3085

Triad

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



17.3317, 42.9506, -91.6643



17.3317, 20.9361, 12.1322



17.3317, -30.3304, -8.1701

Complementary

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



17.3312, 42.9502, -91.6671



50.6033, -29.0476, 30.6730

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.



17.3317, -29.2391, 11.4280



17.3312, 42.9502, -91.6671



17.3317, -8.0167, 12.1322

Square

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



17.3317, 42.9506, -91.6643



17.3317, 57.5593, 12.1322



17.3317, -22.4954, 12.1322



17.3317, -25.8049, -63.3424

Rectangle

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



17.3312, 42.9502, -91.6671



17.3317, 82.6216, 0.0314



17.3317, -22.4954, 12.1322



17.3317, -30.3304, 1.8084

Sweetspot

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



17.3317, 42.9506, -91.6643



54.8035, 14.4620, -24.3676



34.3550, -5.5599, -30.9386



24.6093, 7.9596, -13.4087



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.



17.3317, 42.9506, -91.6643



22.9953, 57.2914, -123.9862



26.1733, 53.6096, -51.2025



24.7414, 0.4871, -1.3504



15.8094, 39.0972, -82.9852



2.3632, 5.2495, -7.7944

Inverse Universe

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



27.8056, 51.0675, -8.7730



37.1627, 68.1687, -11.0749



47.9537, -39.9783, 28.8490



25.0771, 1.4828, 0.1820



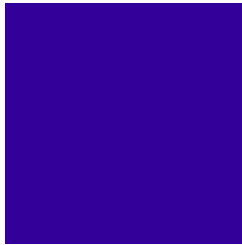
25.2909, 46.4710, -8.1501



3.1985, 6.0599, -2.4473

Previews

White Background



This preview shows how the HunterLab color 17.3312, 42.9502, -91.6671 looks on a white background.

Color Contrast Check

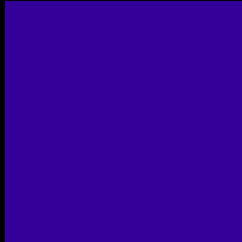
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3312, 42.9502, -91.6671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

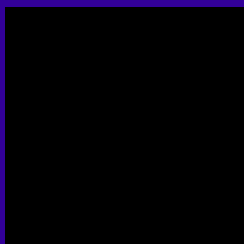
Any Text WCAG AA × Fail

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 17.3312, 42.9502, -91.6671 Background



This preview shows how black text looks on a background with the HunterLab color 17.3312, 42.9502, -91.6671.



This preview shows how white text looks on a background with the HunterLab color 17.3312, 42.9502, -91.6671.

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

17.3312, 42.9502, -91.6671

Protanopia

18.1690, 4.4604, -32.3383

Deuteranopia

18.0762, -1.2554, -19.8836



Tritanopia

18.0643, -8.8316, -3.5139

Trichromacy



Original Color

17.3312, 42.9502, -91.6671

Protanomaly

16.0518, 19.7032, -57.7730

Deuteranomaly

15.6600, 15.5127, -48.1165

Tritanomaly

14.8605, 9.0660, -32.9346

Monochromacy



Original Color

17.3312, 42.9502, -91.6671

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.3421, 14.3093, -25.8733

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.3312, 42.9502, -91.6671 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(51, 0, 153)` looks like.

```
.text, #text, p{  
    color:rgb(51, 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(51, 0, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 0, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 17.3312, 42.9502, -91.6671 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(51, 0, 153) }
```


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

```
.border{ border-color:rgb(51, 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(51, 0, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 0, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 0, 153);  
box-shadow:4px 4px 4px 4px rgb(51, 0, 153)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.3312, 42.9502, -91.6671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 0, 153) }
```

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

```
.background{ background-color: rgb(51, 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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