

Converting Colors

HunterLab(16.5505, 17.5733,
-55.9221)

Have a look what the booklet for
HunterLab(16.5505, 17.5733,
-55.9221) contains.

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Color

**HunterLab(16.5682, 17.2822,
-55.3775)**

Conversions

Conversions Part 1

Format	Color
Hex	0C247A
RGB	12, 36, 122
RGB Percent	5%, 14%, 48%
CMY	0.9529, 0.8588, 0.5216
CMYK	0.90, 0.70, 0.00, 0.52
HSL	227°, 82%, 26%
HSV	227°, 90%, 48%
XYZ	4.2953, 2.7451, 18.7158
YIQ	38.6280, -41.9100, 21.6580

Conversions

Conversions Part 2

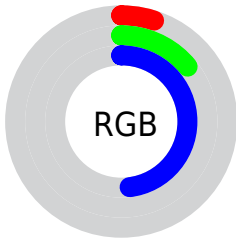
Format	Color
R_{YB}	12, 32, 122
Decimal	795770
CIE _{Lab}	18.99, 27.27, -50.87
CIE _{LCh}	19, 57.718, 298.194
Yxy	2.7451, 0.1668, 0.1066
Android (android.graphics.Color)	4278985850 (0xFF0C247A)
YUV	38.6280, 41.1024, -23.3528
Hunter-Lab	16.5682, 17.2822, -55.3775

Details

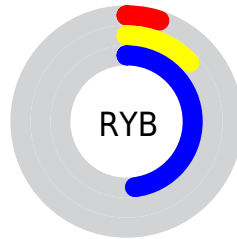
The HunterLab color **16.5682, 17.2822, -55.3775** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **35.9197, -0.9329, 21.5424**, and the grayscale version is **14.0067, -0.7474, 0.7610**.

A 20% lighter version of the original color is **32.7557, 19.3710, -52.8887**, and **6.8402, 18.5540, -48.6023** is the 20% darker color. If you saturate the color by 10%, you get **14.7344, 21.4104, -64.6357**, and if you desaturate by 10%, it is **18.7619, 13.3447, -46.3909**.

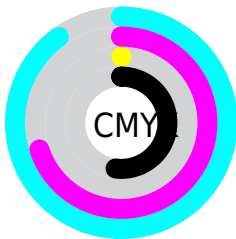
Distribution



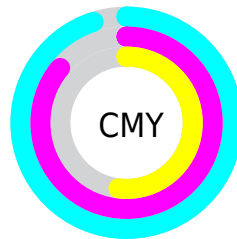
- Red (5%)
- Green (14%)
- Blue (48%)



- Red (5%)
- Yellow (13%)
- Blue (48%)



- Cyan (90%)
- Magenta (70%)
- Yellow (0%)
- Black (52%)



- Cyan (95%)
- Magenta (86%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.5682, 17.2822, -55.3775 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 16.5682, 17.2822, -55.3775 by changing the saturation by 10% instead.

■ 16.5682, 17.2822,
-55.3775

■ 16.5682, 17.2822,
-55.3775

■ 111.8510, 24.3232,
-58.0652

■ 10.0008, 15.8871,
-59.9354

■ 32.6415, 19.6521,
-53.5917

0.0000, INF, -NF

0.0000, NaN, -NF

■ 41.9382, 20.6258,
-53.8609

0.0000, NaN, -NF

■ 51.9806, 21.4784,
-54.4042

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.7170, 22.2232,
-55.0827

0.0000, NaN, NaN

■ 74.1051, 22.8715,
-55.8222

0.0000, NaN, NaN

■ 86.1096, 23.4326,

0.0000, NaN, NaN

-56.5807

98.7003, 23.9143,
-57.3334

16.5682, 17.2822,
-55.3775

16.5682, 17.2822,
-55.3775

14.7344, 21.4104,
-64.6357

18.7619, 13.3447,
-46.3909

21.2779, 9.9503,
-38.0199

24.0528, 7.1051,
-30.4409

27.0368, 4.7442,
-23.6343

30.1923, 2.7866,
-17.5041

■ 33.4912, 1.1565,
-11.9384

■ 36.9123, -0.2092,
-6.8332

■ 40.4393, -1.3614,
-2.1007

■ 44.0596, -2.3401,
2.3311

Harmonies

Analogous

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



16.5683, -1.8900, -68.4692



16.5682, 17.2822, -55.3775



16.5683, 36.4242, -24.8061

Triad

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



16.5683, 17.2834, -55.3771



16.5683, 19.7838, 11.5978



16.5683, -22.6363, 1.8407

Complementary

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



16.5682, 17.2822, -55.3775



35.9197, -0.9329, 21.5424

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.



16.5683, -20.3643, 11.0160



16.5682, 17.2822, -55.3775



16.5683, 0.1447, 11.5978

Square

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



16.5683, 17.2834, -55.3771



16.5683, 38.2270, 10.2275



16.5683, -13.5406, 11.5978



16.5683, -20.8429, -21.1438

Rectangle

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



16.5682, 17.2822, -55.3775



16.5683, 44.0111, -6.6887



16.5683, -13.5406, 11.5978



16.5683, -22.3227, 6.0336

Sweetspot

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



16.5683, 17.2834, -55.3771



45.5433, 1.0508, -14.0883



38.5333, -24.6384, 6.1599



21.2097, 0.7476, -7.6223



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



16.5683, 17.2834, -55.3771



19.0883, 29.8657, -88.3302



14.6524, 30.0645, -64.9497



20.0556, -0.7246, -0.7898



15.0821, 22.0848, -66.5261



31.2959, 53.6631, -154.9602

Inverse Universe

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



21.2796, 33.8609, 9.0550



27.1984, 47.0129, 14.2042



40.3183, -19.6130, 23.9885



20.0700, 0.7269, 1.1694



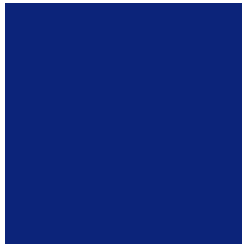
21.0630, 36.4522, 10.6556



45.8867, 79.1846, 24.9826

Previews

White Background



This preview shows how the HunterLab color 16.5682, 17.2822, -55.3775 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 16.5682, 17.2822, -55.3775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

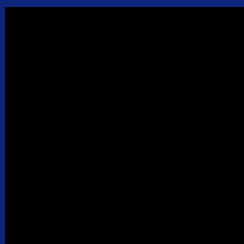
Any Text WCAG AA × Fail

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 16.5682, 17.2822, -55.3775 Background



This preview shows how black text looks on a background with the HunterLab color 16.5682, 17.2822, -55.3775.



This preview shows how white text looks on a background with the HunterLab color 16.5682, 17.2822, -55.3775.

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

16.5682, 17.2822, -55.3775

Protanopia

16.4408, 3.8429, -28.8452

Deuteranopia

16.4560, -1.2228, -17.9288



Tritanopia

16.5282, -8.2151, -2.9249

Trichromacy



Original Color

16.5682, 17.2822, -55.3775

Protanomaly

16.4367, 8.4614, -37.9319

Deuteranomaly

16.3453, 4.8351, -29.9847

Tritanomaly

15.9509, -0.6276, -17.6775

Monochromacy



Original Color

16.5682, 17.2822, -55.3775

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.4122, 2.9428, -14.2298

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.5682, 17.2822, -55.3775 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(12, 36, 122)` looks like.

```
.text, #text, p{  
    color:rgb(12, 36, 122)  
}
```

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(12, 36, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 36, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 16.5682, 17.2822, -55.3775 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(12, 36, 122) }
```


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

```
.border{ border-color:rgb(12, 36, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 36, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 36, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 36, 122);  
box-shadow:4px 4px 4px 4px rgb(12, 36,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.5682, 17.2822, -55.3775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 36, 122) }
```

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

```
.background{ background-color: rgb(12, 36,  
122) }
```

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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