

Converting Colors

HunterLab(12.6426, 5.8959,
-18.0157)

Have a look what the booklet for
HunterLab(12.6426, 5.8959,
-18.0157) contains.

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Color

**HunterLab(12.5655, 5.8485,
-17.9595)**

Conversions

Conversions Part 1

Format	Color
Hex	1B1E44
RGB	27, 30, 68
RGB Percent	11%, 12%, 27%
CMY	0.8941, 0.8824, 0.7333
CMYK	0.60, 0.56, 0.00, 0.73
HSL	236°, 43%, 19%
HSV	236°, 60%, 27%
XYZ	1.9597, 1.5789, 5.6703
YIQ	33.4350, -13.9860, 11.1820

Conversions

Conversions Part 2

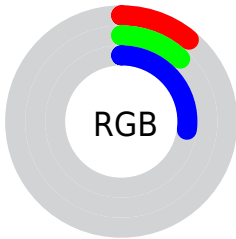
Format	Color
R_{YB}	27, 30, 68
Decimal	1777220
CIE _{Lab}	13.10, 11.67, -24.51
CIE _{LCh}	13, 27.148, 295.455
Yxy	1.5790, 0.2128, 0.1715
Android (android.graphics.Color)	4279967300 (0xFF1B1E44)
YUV	33.4350, 17.0405, -5.6435
Hunter-Lab	12.5655, 5.8485, -17.9595

Details

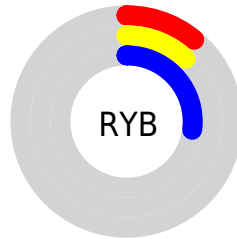
The HunterLab color **12.5655, 5.8485, -17.9595** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **22.5586, -4.0905, 11.1033**, and the grayscale version is **12.4207, -0.6627, 0.6748**.

A 20% lighter version of the original color is **27.7088, 6.6616, -18.8206**, and **2.9607, 5.4132, -15.3862** is the 20% darker color. If you saturate the color by 10%, you get **10.9958, 7.6472, -22.5791**, and if you desaturate by 10%, it is **14.2628, 4.2838, -13.8704**.

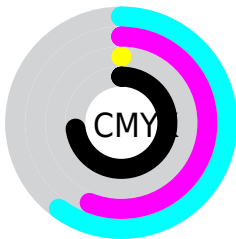
Distribution



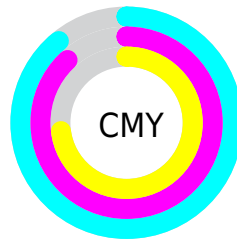
- Red (11%)
- Green (12%)
- Blue (27%)



- Red (11%)
- Yellow (12%)
- Blue (27%)



- Cyan (60%)
- Magenta (56%)
- Yellow (0%)
- Black (73%)



- Cyan (89%)
- Magenta (88%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5655, 5.8485, -17.9595 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 12.5655, 5.8485, -17.9595 by changing the saturation by 10% instead.

■ 12.5655, 5.8485,
-17.9595

■ 12.5655, 5.8485,
-17.9595

104.0373, 6.7544,
-21.3741

■ 5.8597, 8.3640,
-22.0052

■ 27.5395, 6.6907,
-18.8472

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 36.3673, 6.9301,
-19.3658

0.0000, NaN, NaN

■ 45.9774, 7.0756,
-19.8454

0.0000, NaN, NaN

■ 56.3106, 7.1403,
-20.2700

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.3195, 7.1338,
-20.6348

0.0000, NaN, NaN

■ 78.9648, 7.0636,

0.0000, NaN, NaN

-20.9393

91.2135, 6.9355,
-21.1850

12.5655, 5.8485,
-17.9595

12.5655, 5.8485,
-17.9595

10.9958, 7.6472,
-22.5791

14.2628, 4.2838,
-13.8704

9.5879, 9.6950,
-27.7412

16.0620, 2.9160,
-10.2391

8.3751, 11.9161,
-33.3465

17.9452, 1.7075,
-6.9814

7.2479, 14.3423,
-40.0201

19.8991, 0.6257,
-4.0221

21.9138, -0.3558,
-1.2997

■ 23.9819, -1.2576,
1.2349

■ 26.0974, -2.0958,
3.6198

■ 28.2557, -2.8827,
5.8850

■ 30.4531, -3.6282,
8.0540

Harmonies

Analogous

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



12.5657, -1.7492, -20.7943



12.5655, 5.8485, -17.9595



12.5657, 12.8833, -9.3076

Triad

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



12.5657, 5.8487, -17.9591



12.5657, 8.1805, 8.7209



12.5657, -11.7914, 1.6833

Complementary

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



12.5655, 5.8485, -17.9595



22.5586, -4.0905, 11.1033

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.



12.5657, -10.1611, 6.4226



12.5655, 5.8485, -17.9595



12.5657, 0.4446, 8.7960

Square

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



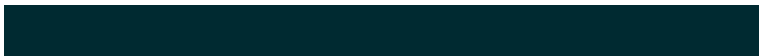
12.5657, 5.8487, -17.9591



12.5657, 14.4283, 5.1935



12.5657, -6.0842, 8.7960



12.5657, -10.9071, -6.3935

Rectangle

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



12.5655, 5.8485, -17.9595



12.5657, 15.7298, -3.0925



12.5657, -6.0842, 8.7960



12.5657, -11.5193, 3.5618

Sweetspot

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



12.5657, 5.8487, -17.9591



26.6363, 0.6195, -4.7362



21.7811, -9.7509, -0.1911



13.6481, 0.4318, -2.7665



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



12.5657, 5.8487, -17.9591



13.5828, 11.3286, -32.9278



13.1859, 10.4663, -16.2825



11.4746, -0.2703, -0.4258



10.0749, 21.8770, -59.8190



24.0550, 59.5668, -158.6544

Inverse Universe

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



14.5143, 11.6206, 4.1295



17.0975, 19.3744, 6.6868



22.1700, -9.6024, 10.7196



11.5765, 0.2092, 0.8197



15.9732, 27.4518, 9.5678



39.9374, 68.4907, 25.0564

Previews

White Background



This preview shows how the HunterLab color 12.5655, 5.8485, -17.9595 looks on a white background.

Color Contrast Check

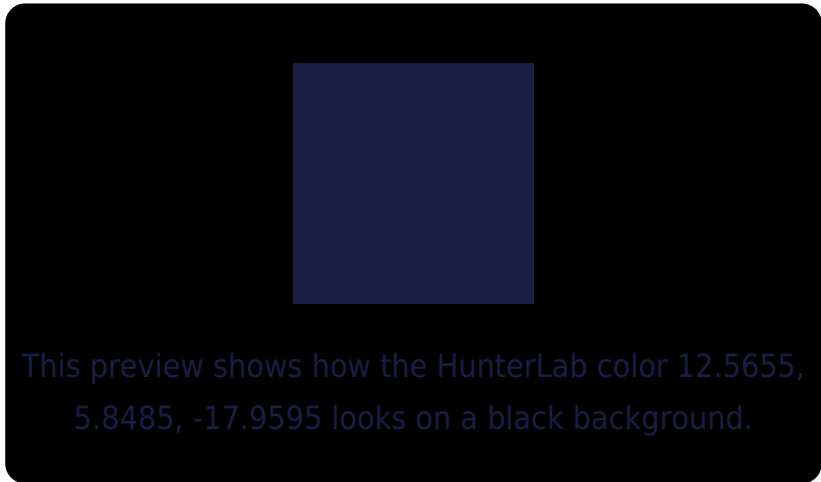
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

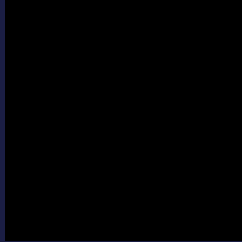
Any Text WCAG AA × Fail

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 12.5655, 5.8485, -17.9595 Background



This preview shows how black text looks on a background with the HunterLab color 12.5655, 5.8485, -17.9595.



This preview shows how white text looks on a background with the HunterLab color 12.5655, 5.8485, -17.9595.

-17.9595.

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

12.5655, 5.8485, -17.9595

Protanopia

12.3690, 2.1566, -20.1155

Deuteranopia

12.4056, -0.9421, -13.4723



Tritanopia

12.5288, -4.4629, -1.8580

Trichromacy



Original Color

12.5655, 5.8485, -17.9595

Protanomaly

12.3581, 3.1572, -19.3417

Deuteranomaly

12.3386, 1.4740, -15.6790

Tritanomaly

12.2996, -0.9697, -6.9844

Monochromacy



Original Color

12.5655, 5.8485, -17.9595

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.3353, 1.2007, -4.8019

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5655, 5.8485, -17.9595 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(27, 30, 68)` looks like.

```
.text, #text, p{  
    color:rgb(27, 30, 68)  
}
```

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(27, 30, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 30, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5655, 5.8485, -17.9595 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(27, 30, 68) }
```


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

```
.border{ border-color:rgb(27, 30, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 30, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 30, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 30, 68);  
box-shadow:4px 4px 4px 4px rgb(27, 30, 68)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5655, 5.8485, -17.9595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 30, 68) }
```

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

```
.background{ background-color: rgb(27, 30,  
68) }
```

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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