

Converting Colors

HunterLab(16.5165, 0.8490,
-17.7526)

Have a look what the booklet for
HunterLab(16.5165, 0.8490,
-17.7526) contains.

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Color

**HunterLab(16.6300, 0.6327,
-17.4956)**

Conversions

Conversions Part 1

Format	Color
Hex	132F51
RGB	19, 47, 81
RGB Percent	7%, 18%, 32%
CMY	0.9255, 0.8157, 0.6824
CMYK	0.77, 0.42, 0.00, 0.68
HSL	213°, 62%, 20%
HSV	213°, 77%, 32%
XYZ	2.7703, 2.7656, 8.1724
YIQ	42.5040, -27.6020, 4.6380

Conversions

Conversions Part 2

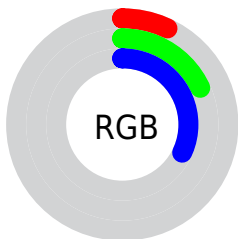
Format	Color
R_{YB}	19, 38, 81
Decimal	1257297
CIE _{Lab}	19.08, 2.67, -23.88
CIE _{LCh}	19, 24.031, 276.379
Yxy	2.7657, 0.2021, 0.2017
Android (android.graphics.Color)	4279447377 (0xFF132F51)
YUV	42.5040, 18.9785, -20.6130
Hunter-Lab	16.6300, 0.6327, -17.4956

Details

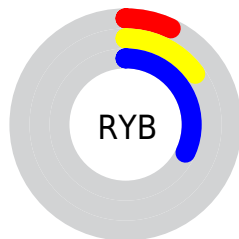
The HunterLab color **16.6300, 0.6327, -17.4956** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **20.8397, 4.5092, 11.1669**, and the grayscale version is **15.3277, -0.8178, 0.8328**.

A 20% lighter version of the original color is **32.8740, 0.0789, -18.4690**, and **4.1327, 7.4594, -21.2682** is the 20% darker color. If you saturate the color by 10%, you get **15.3636, 1.8096, -20.5433**, and if you desaturate by 10%, it is **17.9863, -0.2817, -14.5833**.

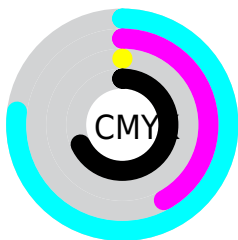
Distribution



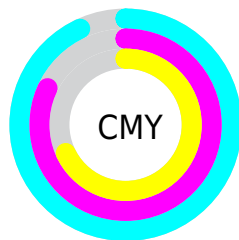
- Red (7%)
- Green (18%)
- Blue (32%)



- Red (7%)
- Yellow (15%)
- Blue (32%)



- Cyan (77%)
- Magenta (42%)
- Yellow (0%)
- Black (68%)



- Cyan (93%)
- Magenta (82%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.6300, 0.6327, -17.4956 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 16.6300, 0.6327, -17.4956 by changing the saturation by 10% instead.

■ 16.6300, 0.6327,
-17.4956

■ 16.6300, 0.6327,
-17.4956

■ 111.9680, -3.1441,
-20.6774

■ 10.0531, 0.7583,
-17.2386

■ 32.7191, 0.1464,
-18.4985

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 42.0226, -0.1893,
-18.9833

0.0000, NaN, NaN

■ 52.0712, -0.5765,
-19.4148

0.0000, NaN, NaN

■ 62.8135, -1.0103,
-19.7863

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.2071, -1.4868,
-20.0966

0.0000, NaN, NaN

■ 86.2168, -2.0028,

0.0000, NaN, NaN

-20.3470

■ 98.8125, -2.5560,
-20.5397

■ 16.6300, 0.6327,
-17.4956

■ 16.6300, 0.6327,
-17.4956

■ 15.3636, 1.8096,
-20.5433

■ 17.9863, -0.2817,
-14.5833

■ 14.1628, 3.1588,
-23.8067

■ 19.4222, -0.9589,
-11.8131

■ 13.7519, 3.6303,
-25.0255

■ 20.9294, -1.4257,
-9.1812

■ 22.5003, -1.7084,
-6.6786

■ 24.1282, -1.8310,
-4.2935

■ 25.8076, -1.8147,
-2.0137

■ 27.5335, -1.6778,
0.1733

■ 29.3018, -1.4357,
2.2788

■ 31.1090, -1.1018,
4.3133

Harmonies

Analogous

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



16.6303, -5.9425, -15.6057



16.6300, 0.6327, -17.4956



16.6303, 7.8665, -13.0450

Triad

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



16.6303, 0.6329, -17.4952



16.6303, 11.3874, 6.8472



16.6303, -11.5060, 5.2598

Complementary

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



16.6300, 0.6327, -17.4956



20.8397, 4.5092, 11.1669

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.



16.6303, -8.1387, 8.2642



16.6300, 0.6327, -17.4956



16.6303, 4.8525, 8.9297

Square

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



16.6303, 0.6329, -17.4952



16.6303, 14.7037, 2.2652



16.6303, -2.3566, 9.3944



16.6303, -12.2570, -0.5803

Rectangle

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



16.6300, 0.6327, -17.4956



16.6303, 11.8618, -7.8535



16.6303, -2.3566, 9.3944



16.6303, -10.6732, 6.5464

Sweetspot

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



16.6303, 0.6329, -17.4952



32.0663, -2.3994, -4.7702



25.0439, -16.5108, 7.4322



16.0831, -1.2178, -2.7735



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



16.6303, 0.6329, -17.4952



18.7159, 3.9709, -30.3524



11.0461, 13.4555, -34.7419



14.0333, -0.8876, -0.1544



17.4952, 5.6217, -34.0031



39.8616, 18.0234, -88.7310

Inverse Universe

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



15.5579, 20.2665, -0.3076



18.4493, 30.3999, 1.5357



27.5525, -7.5381, 15.5196



13.8445, 0.5063, 0.4814



17.8411, 31.7134, 2.5364



42.6378, 75.4003, 9.0876

Previews

White Background



This preview shows how the HunterLab color 16.6300, 0.6327, -17.4956 looks on a white background.

Color Contrast Check

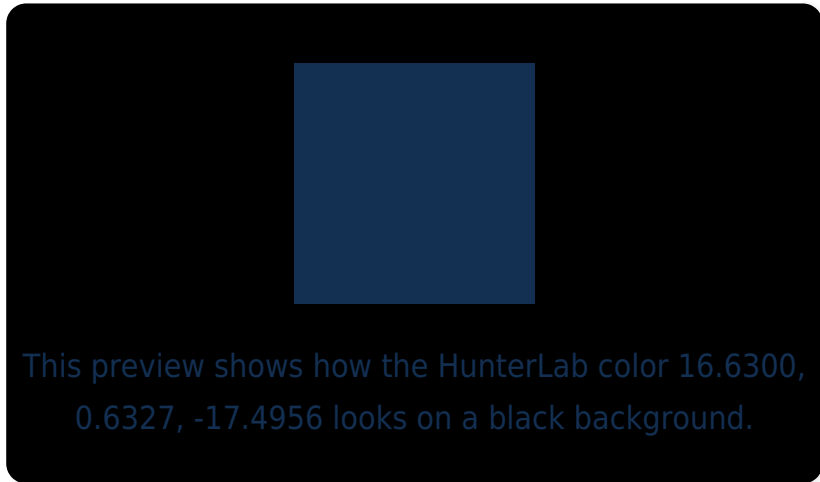
Large Text (above 18pt) WCAG AA ✓ Pass

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

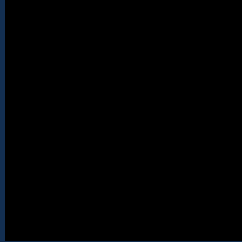
Any Text WCAG AA × Fail

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 16.6300, 0.6327, -17.4956 Background



This preview shows how black text looks on a background with the HunterLab color 16.6300, 0.6327, -17.4956.



This preview shows how white text looks on a background with the HunterLab color 16.6300, 0.6327, -17.4956.

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

16.6300, 0.6327, -17.4956

Protanopia

16.5782, 2.7011, -16.1923

Deuteranopia

16.6003, 0.5322, -17.5652



Tritanopia

16.5575, -8.0418, -3.3355

Trichromacy



Original Color

16.6300, 0.6327, -17.4956

Protanomaly

16.6319, 1.7709, -16.7756

Deuteranomaly

16.6003, 0.5322, -17.5652

Tritanomaly

16.4561, -5.1260, -7.9679

Monochromacy



Original Color

16.6300, 0.6327, -17.4956

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.6104, -1.0312, -5.1010

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.6300, 0.6327, -17.4956 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(19, 47, 81)` looks like.

```
.text, #text, p{  
    color:rgb(19, 47, 81)  
}
```

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(19, 47, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 47, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 16.6300, 0.6327, -17.4956 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(19, 47, 81) }
```


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

```
.border{ border-color:rgb(19, 47, 81) }
```

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

Here you see how a box with a 4 pixel rgb(19, 47, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 47, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 47, 81);  
box-shadow:4px 4px 4px 4px rgb(19, 47, 81)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.6300, 0.6327, -17.4956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 47, 81) }
```

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

```
.background{ background-color: rgb(19, 47,  
81) }
```

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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