

Converting Colors

HunterLab(12.8019, 21.1018,
-56.2925)

Have a look what the booklet for
HunterLab(12.8019, 21.1018,
-56.2925) contains.

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Color

**HunterLab(12.8314, 20.9184,
-56.0006)**

Conversions

Conversions Part 1

Format	Color
Hex	11136B
RGB	17, 19, 107
RGB Percent	7%, 7%, 42%
CMY	0.9333, 0.9255, 0.5804
CMYK	0.84, 0.82, 0.00, 0.58
HSL	239°, 73%, 24%
HSV	239°, 84%, 42%
XYZ	3.1179, 1.6464, 14.0634
YIQ	28.4340, -29.4400, 26.9440

Conversions

Conversions Part 2

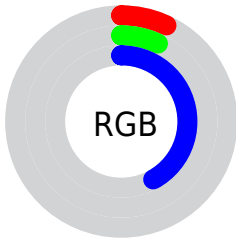
Format	Color
R_{YB}	17, 19, 107
Decimal	1119083
CIE Lab	13.51, 32.86, -50.22
CIE LCh	14, 60.013, 303.199
Yxy	1.6465, 0.1656, 0.0874
Android (android.graphics.Color)	4279309163 (0xFF11136B)
YUV	28.4340, 38.7330, -10.0276
Hunter-Lab	12.8314, 20.9184, -56.0006

Details

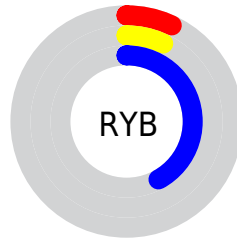
The HunterLab color **12.8314, 20.9184, -56.0006** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **36.4299, -8.7901, 21.4305**, and the grayscale version is **10.8010, -0.5763, 0.5868**.

A 20% lighter version of the original color is **27.8634, 23.9102, -52.2085**, and **5.9068, 13.3982, -36.3059** is the 20% darker color. If you saturate the color by 10%, you get **11.3469, 24.5905, -65.2601**, and if you desaturate by 10%, it is **14.8521, 16.9817, -46.0800**.

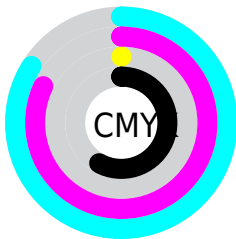
Distribution



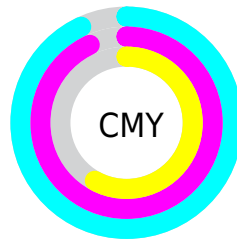
- Red (7%)
- Green (7%)
- Blue (42%)



- Red (7%)
- Yellow (7%)
- Blue (42%)



- Cyan (84%)
- Magenta (82%)
- Yellow (0%)
- Black (58%)



- Cyan (93%)
- Magenta (93%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.8314, 20.9184, -56.0006 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 12.8314, 20.9184, -56.0006 by changing the saturation by 10% instead.

■ 12.8314, 20.9184,
-56.0006

■ 12.8314, 20.9184,
-56.0006

■ 104.5735, 30.5784,
-56.6726

■ 6.2340, 23.9220,
-71.9650

■ 27.8842, 23.9012,
-52.6055

0.0000, INF, -NF

0.0000, NaN, -NF

■ 36.7454, 25.1960,
-52.6579

0.0000, NaN, -NF

■ 46.3861, 26.3594,
-53.0941

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.7478, 27.4024,
-53.7194

0.0000, NaN, NaN

■ 67.7834, 28.3364,
-54.4341

0.0000, NaN, NaN

■ 79.4540, 29.1714,

0.0000, NaN, NaN

-55.1834

91.7268, 29.9162,
-55.9359

12.8314, 20.9184,
-56.0006

12.8314, 20.9184,
-56.0006

11.3469, 24.5905,
-65.2601

14.8521, 16.9817,
-46.0800

10.5495, 26.8768,
-71.2052

17.3030, 13.3009,
-36.7687

20.0792, 10.0478,
-28.5249

23.1039, 7.2110,
-21.3335

26.3234, 4.7221,
-15.0273

■ 29.7006, 2.5081,
-9.4226

■ 33.2089, 0.5069,
-4.3623

■ 36.8291, -1.3303,
0.2775

■ 40.5469, -3.0406,
4.5917

Harmonies

Analogous

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



12.8315, 1.0796, -76.5616



12.8314, 20.9184, -56.0006



12.8315, 40.0250, -20.7930

Triad

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



12.8315, 20.9197, -56.0004



12.8315, 16.3733, 8.9820



12.8315, -22.4551, -1.0471

Complementary

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



12.8314, 20.9184, -56.0006



36.4299, -8.7901, 21.4305

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.



12.8315, -20.8696, 8.9820



12.8314, 20.9184, -56.0006



12.8315, -2.3598, 8.9820

Square

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



12.8315, 20.9197, -56.0004



12.8315, 36.6167, 8.9820



12.8315, -13.8379, 8.9820



12.8315, -19.7325, -27.9472

Rectangle

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



12.8314, 20.9184, -56.0006



12.8315, 46.4825, -3.2803



12.8315, -13.8379, 8.9820



12.8315, -22.4551, 3.7074

Sweetspot

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



12.8315, 20.9197, -56.0004



39.0076, 3.8095, -13.7557



34.1089, -17.8888, -2.0611



18.5954, 2.2523, -7.7244



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



12.8315, 20.9197, -56.0004



14.0292, 36.3404, -95.9837



15.4681, 26.6872, -43.3192



17.4210, -0.2264, -0.9594



11.6093, 29.7580, -78.7496



25.8803, 68.5788, -180.3902

Inverse Universe

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



18.9049, 27.1707, 10.1928



23.6728, 40.5690, 15.0741



34.1758, -20.4307, 19.7807



17.6572, 0.4609, 1.3845



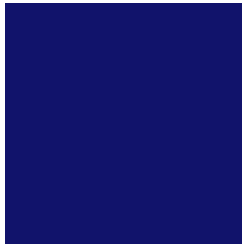
19.5151, 33.4494, 12.3844



44.0323, 75.4335, 28.2437

Previews

White Background



This preview shows how the HunterLab color 12.8314, 20.9184, -56.0006 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 12.8314, 20.9184, -56.0006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

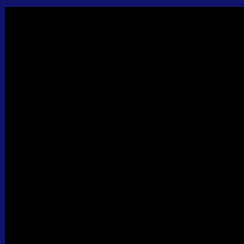
Any Text WCAG AA × Fail

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 12.8314, 20.9184, -56.0006 Background



This preview shows how black text looks on a background with the HunterLab color 12.8314, 20.9184, -56.0006.



This preview shows how white text looks on a background with the HunterLab color 12.8314, 20.9184, -56.0006.

-56.0006.

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

12.8314, 20.9184, -56.0006

Protanopia

12.9734, 2.1124, -20.7757

Deuteranopia

12.9265, -1.4790, -12.9643



Tritanopia

12.9798, -6.5324, -2.1221

Trichromacy



Original Color

12.8314, 20.9184, -56.0006

Protanomaly

12.5432, 8.7048, -32.7427

Deuteranomaly

12.3180, 6.1870, -26.9943

Tritanomaly

12.1041, 2.0443, -17.7531

Monochromacy



Original Color

12.8314, 20.9184, -56.0006

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

10.8851, 4.9394, -14.2905

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.8314, 20.9184, -56.0006 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(17, 19, 107)` looks like.

```
.text, #text, p{  
    color:rgb(17, 19, 107)  
}
```

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(17, 19, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 19, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 12.8314, 20.9184, -56.0006 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(17, 19, 107) }
```


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

```
.border{ border-color:rgb(17, 19, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 19, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 19, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 19, 107);  
box-shadow:4px 4px 4px 4px rgb(17, 19,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.8314, 20.9184, -56.0006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 19, 107) }
```

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

```
.background{ background-color: rgb(17, 19,  
107) }
```

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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