

Converting Colors

HunterLab(10.6515, 18.7380,
3.0310)

Have a look what the booklet for
HunterLab(10.6515, 18.7380,
3.0310) contains.

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Color

**HunterLab(10.6964, 18.8241,
2.9881)**

Conversions

Conversions Part 1

Format	Color
Hex	400015
RGB	64, 0, 21
RGB Percent	25%, 0%, 8%
CMY	0.7490, 1.0000, 0.9176
CMYK	0.00, 1.00, 0.67, 0.75
HSL	340°, 100%, 13%
HSV	340°, 100%, 25%
XYZ	2.2497, 1.1441, 0.8117
YIQ	21.5300, 31.4030, 20.0990

Conversions

Conversions Part 2

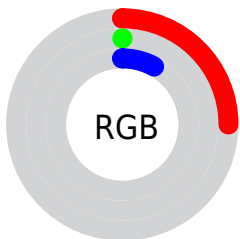
Format	Color
RYB	64, 0, 21
Decimal	4194325
CIELab	10.14, 30.89, 5.87
CIELCh	10, 31.444, 10.760
Yxy	1.1442, 0.5349, 0.2721
Android (android.graphics.Color)	4282384405 (0xFF400015)
YUV	21.5300, -0.2613, 37.2462
Hunter-Lab	10.6964, 18.8241, 2.9881

Details

The HunterLab color **10.6964, 18.8241, 2.9881** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **19.5991, -13.6284, 4.9233**, and the grayscale version is **8.8118, -0.4702, 0.4788**.

A 20% lighter version of the original color is **25.0370, 21.7618, 4.6724**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **10.6963, 18.8239, 2.9886**, and if you desaturate by 10%, it is **11.4039, 17.0236, 2.4546**.

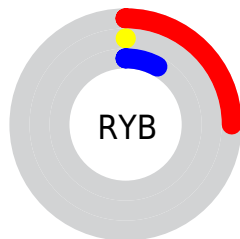
Distribution



Red (25%)

Green (0%)

Blue (8%)



Red (25%)

Yellow (0%)

Blue (8%)

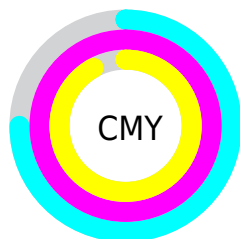


Cyan (0%)

Magenta (100%)

Yellow (67%)

Black (75%)



Cyan (75%)


Magenta (100%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 10.6964, 18.8241, 2.9881 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 10.6964, 18.8241, 2.9881 by changing the saturation by 10% instead.

 10.6964, 18.8241,
2.9881

 10.6964, 18.8241,
2.9881


 100.1800, 28.0958,
10.9762

 1.2413, 108.3762,
0.8689


 25.0852, 21.7325,
4.6927

0.0000, NaN, NaN


0.0000, NaN, NaN

 33.6676, 22.9895,
5.5524

0.0000, NaN, NaN


 43.0528, 24.1111,
6.4189

0.0000, NaN, NaN

 53.1772, 25.1096,
7.2974

0.0000, NaN, NaN

0.0000, NaN, NaN


 63.9903, 25.9973,
8.1909


0.0000, NaN, NaN


 75.4508, 26.7850,


0.0000, NaN, NaN


9.1012


 87.5239, 27.4818,
10.0294


 10.6964, 18.8241,
2.9881


 10.6964, 18.8241,
2.9881


 10.6963, 18.8239,
2.9886

 11.4039, 17.0236,
2.4546

 12.1018, 15.4758,
1.8405

 12.9521, 13.6893,
1.3273

 13.9734, 11.6736,
0.9619

 15.1458, 9.5333,
0.7396

■ 16.4492, 7.3442,
0.6467

■ 17.8653, 5.1547,
0.6657

■ 19.3782, 2.9920,
0.7792

■ 20.9746, 0.8692,
0.9719

Harmonies

Analogous

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



10.6967, 17.8867, -5.3597



10.6964, 18.8241, 2.9881



10.6967, 13.5421, 7.4877

Triad

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



10.6967, 18.8228, 2.9884



10.6967, -9.2792, 7.4877



10.6967, -5.1369, -24.0284

Complementary

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



10.6964, 18.8241, 2.9881



19.5991, -13.6284, 4.9233

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.



10.6967, -10.6184, -13.8065



10.6964, 18.8241, 2.9881



10.6967, -13.0099, 4.7287

Square

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



10.6967, 18.8228, 2.9884



10.6967, -3.2629, 7.4877



10.6967, -13.5001, -2.4831



10.6967, 2.4159, -25.5750

Rectangle

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



10.6964, 18.8241, 2.9881



10.6967, 7.9084, 7.4877



10.6967, -13.5001, -2.4831



10.6967, -7.1729, -21.2671

Sweetspot

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



10.6967, 18.8228, 2.9884



23.2754, 7.1801, 0.8658



9.3631, 19.9859, -24.5953



12.0360, 4.0424, 0.4485



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



10.6967, 18.8228, 2.9884



14.0489, 24.6427, 4.5548



11.4970, 14.5069, 7.3379



11.5955, 0.3115, 0.5495



16.2452, 28.4553, 5.5750



40.4977, 70.5618, 16.8021

Inverse Universe

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



10.6967, 18.8228, 2.9884



14.0489, 24.6427, 4.5548



17.1666, -7.0221, -6.2975



11.5955, 0.3115, 0.5495



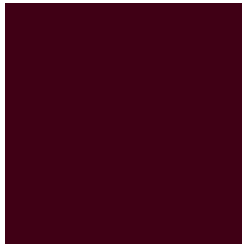
16.2452, 28.4553, 5.5750



40.4977, 70.5618, 16.8021

Previews

White Background



This preview shows how the HunterLab color 10.6964, 18.8241, 2.9881 looks on a white background.

Color Contrast Check

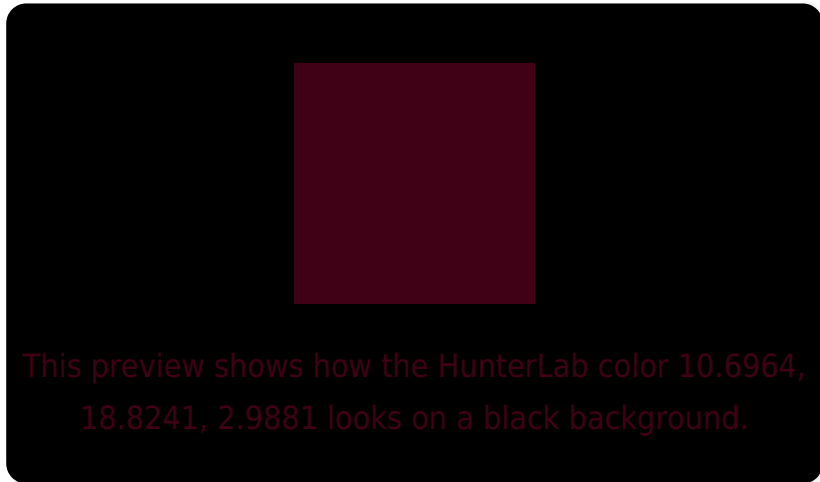
Large Text (above 18pt) WCAG AA ✓ Pass

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

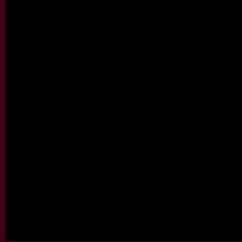
Any Text WCAG AA × Fail

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 10.6964, 18.8241, 2.9881 Background



This preview shows how black text looks on a background with the HunterLab color 10.6964, 18.8241, 2.9881.



This preview shows how white text looks on a background with the HunterLab color 10.6964, 18.8241,

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

10.6964, 18.8241, 2.9881

Protanopia

12.3561, -0.6634, 1.3818

Deuteranopia

12.1440, 0.4174, 4.6964



Tritanopia

11.3093, 15.5565, 6.1872

Trichromacy



Original Color

10.6964, 18.8241, 2.9881

Protanomaly

10.8321, 6.5559, 1.1139

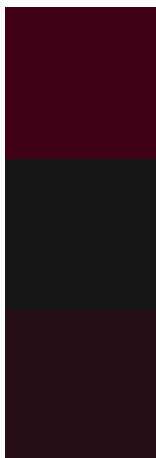
Deuteranomaly

10.9558, 7.4549, 3.5473

Tritanomaly

11.0683, 16.6743, 5.2489

Monochromacy



Original Color

10.6964, 18.8241, 2.9881

Achromatopsia

8.9572, -0.4779, 0.4867

Achromatomaly

8.7482, 6.4170, 0.3586

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 10.6964, 18.8241, 2.9881 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(64, 0, 21)` looks like.

```
.text, #text, p{  
    color:rgb(64, 0, 21)  
}
```

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(64, 0, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 0, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 10.6964, 18.8241, 2.9881 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(64, 0, 21) }
```


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

```
.border{ border-color:rgb(64, 0, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 0, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 0, 21); -webkit-box-shadow:4px  
4px 4px 4px rgb(64, 0, 21); box-shadow:4px  
4px 4px 4px rgb(64, 0, 21) }
```

Background

The CSS property to change the background color of an element to HunterLab 10.6964, 18.8241, 2.9881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 0, 21) }
```

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

```
.background{ background-color: rgb(64, 0,  
21) }
```

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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