

Converting Colors

HunterLab(18.3952, 10.7423,
7.4632)

Have a look what the booklet for
HunterLab(18.3952, 10.7423,
7.4632) contains.

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Color

**HunterLab(18.3321, 10.6301,
7.5097)**

Conversions

Conversions Part 1

Format	Color
Hex	51281E
RGB	81, 40, 30
RGB Percent	32%, 16%, 12%
CMY	0.6824, 0.8431, 0.8824
CMYK	0.00, 0.51, 0.63, 0.68
HSL	12°, 46%, 22%
HSV	12°, 63%, 32%
XYZ	4.3865, 3.3607, 1.6458
YIQ	51.1190, 27.6460, 5.5820

Conversions

Conversions Part 2

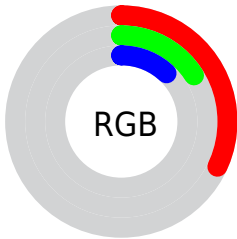
Format	Color
RYB	81, 42, 30
Decimal	5318686
CIELab	21.43, 17.99, 15.09
CIELCh	21, 23.484, 39.989
Yxy	3.3608, 0.4670, 0.3578
Android (android.graphics.Color)	4283508766 (0xFF51281E)
YUV	51.1190, -10.4117, 26.2056
Hunter-Lab	18.3321, 10.6301, 7.5097

Details

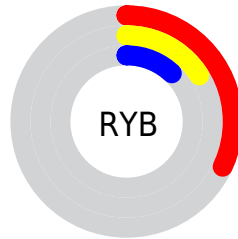
The HunterLab color **18.3321, 10.6301, 7.5097** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **23.1868, -7.6763, -5.7524**, and the grayscale version is **18.2624, -0.9744, 0.9922**.

A 20% lighter version of the original color is **34.8375, 11.9800, 10.6506**, and **5.9777, 10.2369, 3.8626** is the 20% darker color. If you saturate the color by 10%, you get **17.0940, 12.8442, 8.1428**, and if you desaturate by 10%, it is **19.7087, 8.4579, 6.7505**.

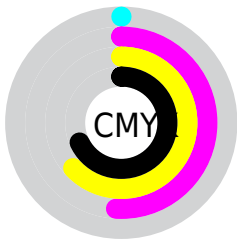
Distribution



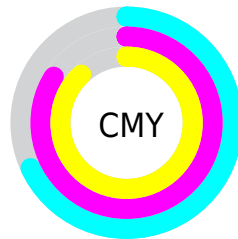
- Red (32%)
- Green (16%)
- Blue (12%)



- Red (32%)
- Yellow (16%)
- Blue (12%)



- Cyan (0%)
- Magenta (51%)
- Yellow (63%)
- Black (68%)



- Cyan (68%)
- Magenta (84%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.3321, 10.6301, 7.5097 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 18.3321, 10.6301, 7.5097 by changing the saturation by 10% instead.

■ 18.3321, 10.6301,
7.5097

■ 18.3321, 10.6301,
7.5097

■ 115.1448, 13.6829,
20.5572

■ 11.5017, 9.7170,
6.3851

■ 34.8397, 11.9864,
10.6922

■ 3.9853, 19.4603,
2.7897

■ 44.3239, 12.4797,
12.1716

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.5401, 12.8727,
13.6102

0.0000, NaN, NaN

■ 65.4393, 13.1775,
15.0221

0.0000, NaN, NaN

■ 76.9809, 13.4040,
16.4169

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.1312, 13.5597,

17.8012

0.0000, NaN, NaN

101.8609, 13.6509,
19.1801

18.3321, 10.6301,
7.5097

18.3321, 10.6301,
7.5097

17.0940, 12.8442,
8.1428

19.7087, 8.4579,
6.7505

16.0108, 15.0457,
8.6168

21.2054, 6.3652,
5.8931

15.0958, 17.1328,
8.9590

22.8077, 4.3676,
4.9615

14.5484, 18.4274,
9.2872

24.5023, 2.4697,
3.9736

26.2779, 0.6691,
2.9428

■ 28.1252, -1.0404,
1.8790

■ 30.0360, -2.6671,
0.7889

■ 32.0038, -4.2195,
-0.3222

■ 34.0230, -5.7062,
-1.4510

Harmonies

Analogous

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



18.3326, 14.4039, 3.1003



18.3321, 10.6301, 7.5097



18.3326, 3.9033, 9.4594

Triad

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



18.3326, 10.6289, 7.5100



18.3326, -12.0741, 4.8910



18.3326, 1.4365, -16.8284

Complementary

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



18.3321, 10.6301, 7.5097



23.1868, -7.6763, -5.7524

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.



18.3326, -5.3987, -15.7638



18.3321, 10.6301, 7.5097



18.3326, -12.5281, -1.3874

Square

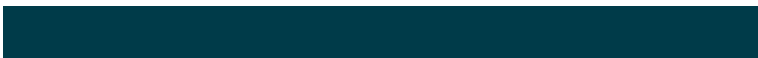
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



18.3326, 10.6289, 7.5100



18.3326, -8.9156, 8.3928



18.3326, -10.2668, -9.3967



18.3326, 8.5899, -11.9155

Rectangle

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



18.3321, 10.6301, 7.5097



18.3326, -0.9766, 9.7866



18.3326, -10.2668, -9.3967



18.3326, -0.9817, -17.1912

Sweetspot

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



18.3326, 10.6289, 7.5100



32.7143, 2.4304, 4.7434



17.7235, 19.5012, -9.0473



16.4588, 1.4473, 2.5330



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.



18.3326, 10.6289, 7.5100



21.4714, 18.3842, 10.9984



23.6780, 0.0968, 11.5162



13.9817, -0.0336, 1.2902



18.6933, 24.8868, 11.9544



43.6809, 63.5317, 28.0282

Inverse Universe

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



23.1868, -7.6763, -5.7524



28.9096, -10.4614, -9.5302



16.8400, 2.3665, -16.9896



14.3681, -1.4345, 0.2471



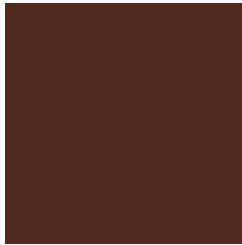
27.1262, -9.9593, -12.4061



64.1672, -22.5930, -31.4316

Previews

White Background



This preview shows how the HunterLab color 18.3321, 10.6301, 7.5097 looks on a white background.

Color Contrast Check

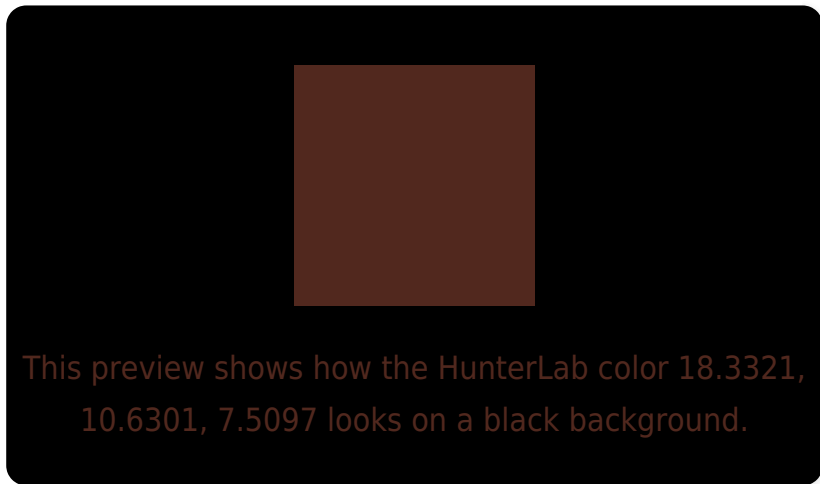
Large Text (above 18pt) WCAG AA ✓ Pass

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

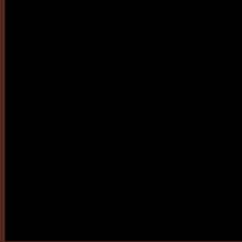
Any Text WCAG AA × Fail

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 18.3321, 10.6301, 7.5097 Background



This preview shows how black text looks on a background with the HunterLab color 18.3321, 10.6301, 7.5097.

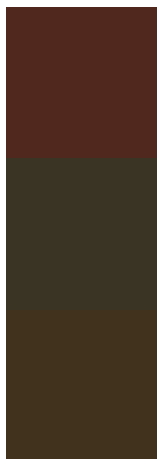


This preview shows how white text looks on a background with the HunterLab color 18.3321, 10.6301, 7.5097.

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

18.3321, 10.6301, 7.5097

Protanopia

18.5666, -1.5468, 6.3358

Deuteranopia

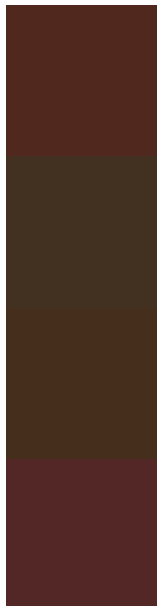
18.5877, 0.7420, 7.9624



Tritanopia

18.4526, 12.2584, 4.8445

Trichromacy



Original Color

18.3321, 10.6301, 7.5097

Protanomaly

18.3901, 2.5487, 6.7377

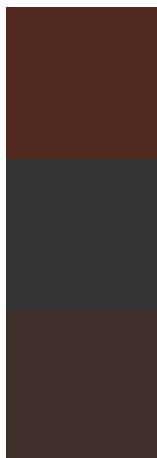
Deuteranomaly

18.2888, 4.3466, 7.5772

Tritanomaly

18.3806, 11.9150, 5.8888

Monochromacy



Original Color

18.3321, 10.6301, 7.5097

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

17.9766, 2.6904, 3.5862

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.3321, 10.6301, 7.5097 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(81, 40, 30)` looks like.

```
.text, #text, p{  
    color:rgb(81, 40, 30)  
}
```

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(81, 40, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 40, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 18.3321, 10.6301, 7.5097 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(81, 40, 30) }
```


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

```
.border{ border-color:rgb(81, 40, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 40, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 40, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 40, 30);  
box-shadow:4px 4px 4px 4px rgb(81, 40, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.3321, 10.6301, 7.5097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 40, 30) }
```

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

```
.background{ background-color: rgb(81, 40,  
30) }
```

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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