

Converting Colors

HunterLab(21.8100, -5.6045,
0.9519)

Have a look what the booklet for
HunterLab(21.8100, -5.6045, 0.9519)
contains.

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Color

**HunterLab(21.8100, -5.6045,
0.9519)**

Conversions

Conversions Part 1

Format	Color
Hex	30413E
RGB	48, 65, 62
RGB Percent	19%, 25%, 24%
CMY	0.8118, 0.7451, 0.7569
CMYK	0.26, 0.00, 0.05, 0.75
HSL	169°, 15%, 22%
HSV	169°, 26%, 25%
XYZ	3.9787, 4.7568, 5.2659
YIQ	59.5750, -9.1690, -4.5370

Conversions

Conversions Part 2

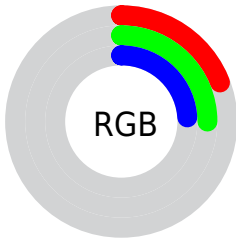
Format	Color
R_{YB}	48, 57, 65
Decimal	3162430
CIE Lab	26.03, -7.56, -0.40
CIE LCh	26, 7.567, 183.037
Yxy	4.7570, 0.2842, 0.3397
Android (android.graphics.Color)	4281352510 (0xFF30413E)
YUV	59.5750, 1.1955, -10.1513
Hunter-Lab	21.8100, -5.6045, 0.9519

Details

The HunterLab color **21.8100, -5.6045, 0.9519** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.6463, 4.0776, 1.6018**, and the grayscale version is **21.1093, -1.1263, 1.1469**.

A 20% lighter version of the original color is **39.1076, -7.8171, 2.0266**, and **8.2232, -4.4553, 0.2173** is the 20% darker color. If you saturate the color by 10%, you get **21.4426, -7.0297, 0.9398**, and if you desaturate by 10%, it is **22.2250, -4.0365, 1.0211**.

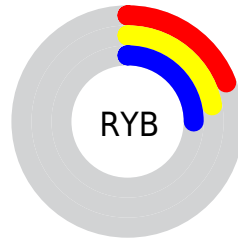
Distribution



Red (19%)

Green (25%)

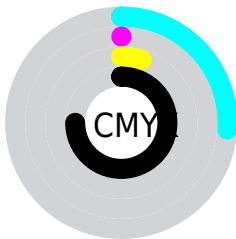
Blue (24%)



Red (19%)

Yellow (22%)

Blue (25%)

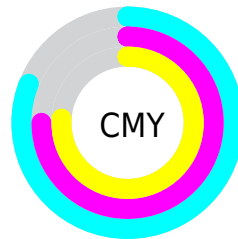


Cyan (26%)

Magenta (0%)

Yellow (5%)

Black (75%)



Cyan (81%)

Magenta (75%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8100, -5.6045, 0.9519 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 21.8100, -5.6045, 0.9519 by changing the saturation by 10% instead.

■ 21.8100, -5.6045,
0.9519

■ 21.8100, -5.6045,
0.9519

■ 121.4300,
-14.5839, 6.1948

■ 14.5099, -4.6000,
0.5843

■ 39.1043, -7.5563,
1.8436

■ 8.1710, -4.4663,
0.2414

■ 48.9317, -8.5288,
2.3566

0.0000, NaN, NaN

■ 59.4673, -9.5077,
2.9096

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.6664, -10.4964,
3.4999

0.0000, NaN, NaN

■ 82.4916, -11.4971,
4.1253

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.9116, -12.5113,

107.8990,
-13.5400, 5.4743

■ 21.8100, -5.6045,
0.9519

■ 21.8100, -5.6045,
0.9519

■ 21.4426, -7.0297,
0.9398

■ 22.2250, -4.0365,
1.0211

■ 21.1216, -8.3022,
0.9838

■ 22.6857, -2.3351,
1.1456

■ 20.8469, -9.4158,
1.0833

■ 23.1919, -0.5122,
1.3241

■ 20.6176, -10.3670,
1.2364

■ 23.7424, 1.4202,
1.5545

■ 20.4320, -11.1556,
1.4398

■ 24.3358, 3.4500,
1.8342

■ 20.2874, -11.7873,
1.6889

■ 24.9706, 5.5654,
2.1602

■ 20.1567, -12.3668,
1.9497

■ 25.6452, 7.7553,
2.5297

■ 20.1064, -12.5907,
2.0485

■ 26.3580, 10.0093,
2.9394

■ 27.1071, 12.3180,
3.3863

Harmonies

Analogous

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



21.8104, -5.1458, 3.0940



21.8100, -5.6045, 0.9519



21.8104, -4.9176, -1.3571

Triad

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



21.8104, -5.6048, 0.9522



21.8104, 1.4210, -2.8437



21.8104, 0.9776, 4.7641

Complementary

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



21.8100, -5.6045, 0.9519



18.6463, 4.0776, 1.6018

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.



21.8104, 2.8600, 3.4577



21.8100, -5.6045, 0.9519



21.8104, 3.1237, -0.9090

Square

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



21.8104, -5.6048, 0.9522



21.8104, -0.9187, -3.6928



21.8104, 3.6613, 1.4196



21.8104, -1.4100, 5.1486

Rectangle

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



21.8100, -5.6045, 0.9519



21.8104, -3.8836, -2.6395



21.8104, 3.6613, 1.4196



21.8104, 1.6939, 4.4258

Sweetspot

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



21.8104, -5.6048, 0.9522



29.2970, -3.5252, 1.4450



21.6818, -6.6997, 5.5962



15.3503, -1.9505, 0.7505



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.



21.8104, -5.6048, 0.9522



27.9962, -8.4314, 1.2168



20.4985, -3.0518, -1.8880



12.1531, -1.4823, 0.5981



30.1779, -19.0617, 3.4290



75.5119, -48.2335, 9.7391

Inverse Universe

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



18.6463, 4.0776, 1.6018



22.9771, 6.9753, 2.2708



19.7956, 1.4649, 3.8481



11.5842, 0.2504, 0.7109



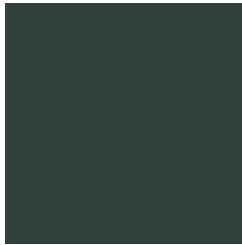
16.0521, 27.7439, 8.4022



40.0772, 69.0092, 22.9846

Previews

White Background



This preview shows how the HunterLab color 21.8100, -5.6045, 0.9519 looks on a white background.

Color Contrast Check

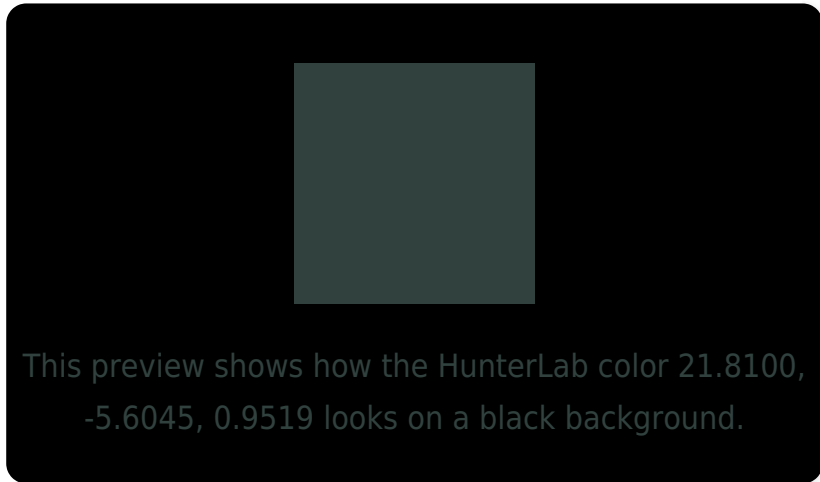
Large Text (above 18pt) WCAG AA ✓ Pass

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

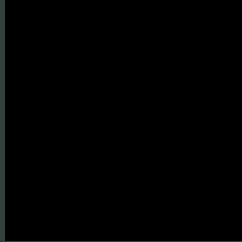
Any Text WCAG AA × Fail

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 21.8100, -5.6045, 0.9519 Background



This preview shows how black text looks on a background with the HunterLab color 21.8100, -5.6045, 0.9519.



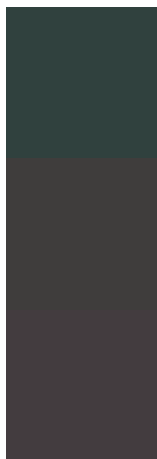
This preview shows how white text looks on a background with the HunterLab color 21.8100, -5.6045,

0.9519.

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

21.8100, -5.6045, 0.9519

Protanopia

21.7267, -0.7697, 1.7085

Deuteranopia

21.8721, 1.1239, 0.7495



Tritanopia

21.7932, -3.9488, -1.9577

Trichromacy



Original Color

21.8100, -5.6045, 0.9519

Protanomaly

21.6373, -2.3104, 1.1948

Deuteranomaly

21.8284, -1.5378, 0.6504

Tritanomaly

21.7097, -4.4178, -0.7764

Monochromacy



Original Color

21.8100, -5.6045, 0.9519

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

21.5010, -2.7933, 1.0257

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.8100, -5.6045, 0.9519 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(48, 65, 62)` looks like.

```
.text, #text, p{  
    color:rgb(48, 65, 62)  
}
```

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(48, 65, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 65, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 21.8100, -5.6045, 0.9519 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(48, 65, 62) }
```


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

```
.border{ border-color:rgb(48, 65, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 65, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 65, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 65, 62);  
box-shadow:4px 4px 4px 4px rgb(48, 65, 62)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.8100, -5.6045, 0.9519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 65, 62) }
```

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

```
.background{ background-color: rgb(48, 65,  
62) }
```

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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