

Converting Colors

HunterLab(21.3310, -3.4289,
1.5980)

Have a look what the booklet for
HunterLab(21.3310, -3.4289, 1.5980)
contains.

HunterLab(21.3197, -3.5399, 1.5682)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(21.3197, -3.5399,
1.5682)**

Conversions

Conversions Part 1

Format	Color
Hex	363E3B
RGB	54, 62, 59
RGB Percent	21%, 24%, 23%
CMY	0.7882, 0.7569, 0.7686
CMYK	0.13, 0.00, 0.05, 0.76
HSL	157°, 7%, 23%
HSV	157°, 13%, 24%
XYZ	4.0334, 4.5453, 4.8024
YIQ	59.2660, -3.8050, -2.6290

Conversions

Conversions Part 2

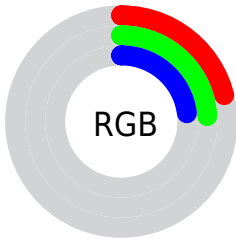
Format	Color
R_{YB}	54, 59, 62
Decimal	3554875
CIE Lab	25.40, -4.04, 0.71
CIE LCh	25, 4.102, 170.000
Yxy	4.5455, 0.3014, 0.3397
Android (android.graphics.Color)	4281744955 (0xFF363E3B)
YUV	59.2660, -0.1311, -4.6183
Hunter-Lab	21.3197, -3.5399, 1.5682

Details

The HunterLab color **21.3197, -3.5399, 1.5682** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.8947, 1.4721, 0.7482**, and the grayscale version is **21.0062, -1.1208, 1.1413**.

A 20% lighter version of the original color is **38.3987, -4.7346, 2.5239**, and **7.7802, -2.6828, 0.7058** is the 20% darker color. If you saturate the color by 10%, you get **20.8833, -5.2391, 1.9068**, and if you desaturate by 10%, it is **21.8009, -1.7206, 1.2711**.

Distribution



 Red (21%)

 Green (24%)

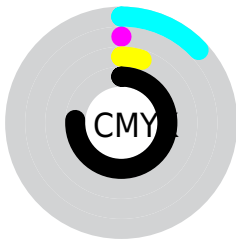
 Blue (23%)



 Red (21%)

 Yellow (23%)

 Blue (24%)

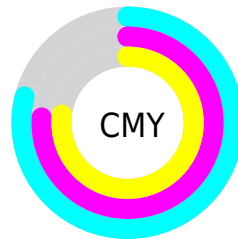


 Cyan (13%)

 Magenta (0%)

 Yellow (5%)

 Black (76%)



 Cyan (79%)

 Magenta (76%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.3197, -3.5399, 1.5682 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 21.3197, -3.5399, 1.5682 by changing the saturation by 10% instead.

■ 21.3197, -3.5399,
1.5682

■ 21.3197, -3.5399,
1.5682

■ 120.5587,
-10.7850, 7.2942

■ 14.0824, -2.8285,
1.1207

■ 38.5079, -5.0033,
2.5946

■ 7.7308, -2.6901,
0.8028

■ 48.2888, -5.7634,
3.1666

0.0000, NaN, NaN

■ 58.7811, -6.5450,
3.7745

0.0000, NaN, NaN

■ 69.9394, -7.3487,
4.4166

0.0000, NaN, NaN

■ 81.7260, -8.1746,
5.0909

0.0000, NaN, NaN

■ 94.1092, -9.0228,

0.0000, NaN, NaN

107.0614, -9.8930,
6.5309

■ 21.3197, -3.5399,
1.5682

■ 21.3197, -3.5399,
1.5682

■ 20.8833, -5.2391,
1.9068

■ 21.8009, -1.7206,
1.2711

■ 20.4913, -6.8050,
2.2843

■ 22.3246, 0.2077,
1.0155

■ 20.1443, -8.2274,
2.6983

■ 22.8898, 2.2320,
0.8021

■ 19.8425, -9.4972,
3.1454

■ 23.4952, 4.3404,
0.6305

■ 19.5853, -10.6079,
3.6213

■ 24.1391, 6.5212,
0.4999

■ 19.3716, -11.5561,
4.1211

■ 24.8199, 8.7639,
0.4091

■ 19.1996, -12.3421,
4.6390

■ 25.5358, 11.0589,
0.3566

■ 19.0519, -13.0324,
5.1534

■ 26.2852, 13.3977,
0.3405

■ 18.9479, -13.5194,
5.5013

■ 27.0664, 15.7727,
0.3591

Harmonies

Analogous

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



21.3201, -3.0163, 2.6303



21.3197, -3.5399, 1.5682



21.3201, -3.4327, 0.3328

Triad

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



21.3201, -3.5403, 1.5685



21.3201, -0.2788, -1.1921



21.3201, 0.4887, 2.8996

Complementary

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



21.3197, -3.5399, 1.5682



19.8947, 1.4721, 0.7482

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.



21.3201, 1.2565, 1.9563



21.3197, -3.5399, 1.5682



21.3201, 0.8062, -0.4220

Square

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



21.3201, -3.5403, 1.5685



21.3201, -1.5702, -1.3113



21.3201, 1.3741, 0.7443



21.3201, -0.7038, 3.3678

Rectangle

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



21.3197, -3.5399, 1.5682



21.3201, -3.0163, -0.4219



21.3201, 1.3741, 0.7443



21.3201, 0.8062, 2.6303

Sweetspot

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



21.3201, -3.5403, 1.5685



28.6236, -2.5810, 1.7209



21.4094, -3.4514, 3.4667



14.6703, -1.3713, 0.8900



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



21.3201, -3.5403, 1.5685



27.9084, -5.3030, 2.1845



21.1586, -2.7486, 0.2184



11.3605, -1.4438, 0.7543



28.9537, -20.9392, 9.0121



73.4959, -54.0190, 24.7479

Inverse Universe

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



19.8947, 1.4721, 0.7482



25.6327, 2.7030, 0.8769



20.0416, 0.6924, 2.0367



10.8681, 0.2867, 0.4705



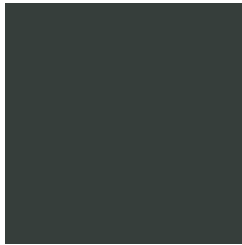
15.8805, 27.9745, 4.2253



40.1667, 70.3496, 13.8400

Previews

White Background



This preview shows how the HunterLab color 21.3197, -3.5399, 1.5682 looks on a white background.

Color Contrast Check

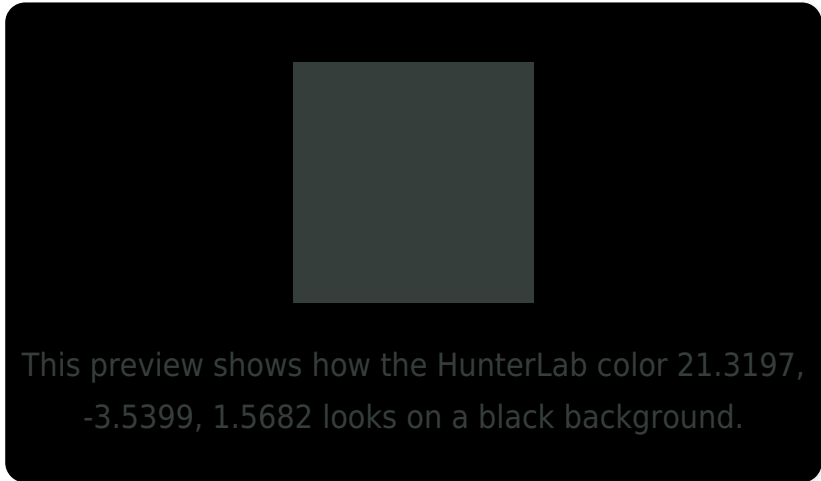
Large Text (above 18pt) WCAG AA ✓ Pass

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

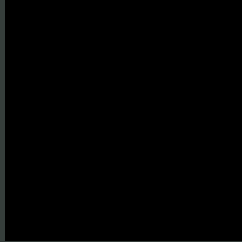
Any Text WCAG AA × Fail

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 21.3197, -3.5399, 1.5682 Background



This preview shows how black text looks on a background with the HunterLab color 21.3197, -3.5399, 1.5682.



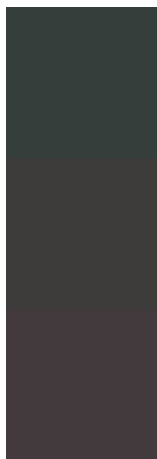
This preview shows how white text looks on a background with the HunterLab color 21.3197, -3.5399, 1.5682.

1.5682.

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

21.3197, -3.5399, 1.5682

Protanopia

21.3573, -0.8835, 2.0321

Deuteranopia

21.2382, 1.2882, 1.1751



Tritanopia

21.3145, -1.8953, -1.2368

Trichromacy



Original Color

21.3197, -3.5399, 1.5682

Protanomaly

21.3841, -2.0620, 2.0419

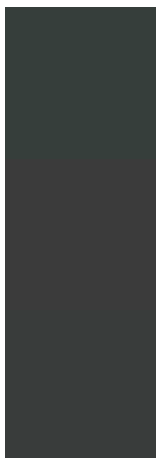
Deuteranomaly

21.1620, -0.2051, 1.0591

Tritanomaly

21.2334, -2.3429, -0.0882

Monochromacy



Original Color

21.3197, -3.5399, 1.5682

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

21.0175, -2.0222, 1.2431

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.3197, -3.5399, 1.5682 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(54, 62, 59)` looks like.

```
.text, #text, p{  
    color:rgb(54, 62, 59)  
}
```

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(54, 62, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 62, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 21.3197, -3.5399, 1.5682 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(54, 62, 59) }
```


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

```
.border{ border-color:rgb(54, 62, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 62, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 62, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 62, 59);  
box-shadow:4px 4px 4px 4px rgb(54, 62, 59)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.3197, -3.5399, 1.5682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 62, 59) }
```

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

```
.background{ background-color: rgb(54, 62,  
59) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor