

Converting Colors

HunterLab(21.1710, -7.4183,
1.5542)

Have a look what the booklet for
HunterLab(21.1710, -7.4183, 1.5542)
contains.

HunterLab(21.0319, -7.3369, 1.5467)	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(21.0319, -7.3369,
1.5467)**

Conversions

Conversions Part 1

Format	Color
Hex	28403A
RGB	40, 64, 58
RGB Percent	16%, 25%, 23%
CMY	0.8431, 0.7490, 0.7725
CMYK	0.37, 0.00, 0.09, 0.75
HSL	165°, 23%, 20%
HSV	165°, 37%, 25%
XYZ	3.4722, 4.4234, 4.6738
YIQ	56.1400, -12.3780, -6.9540

Conversions

Conversions Part 2

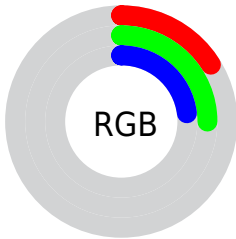
Format	Color
RYB	40, 54, 64
Decimal	2637882
CIELab	25.03, -10.93, 0.71
CIELCh	25, 10.948, 176.306
Yxy	4.4236, 0.2762, 0.3519
Android (android.graphics.Color)	4280827962 (0xFF28403A)
YUV	56.1400, 0.9170, -14.1548
Hunter-Lab	21.0319, -7.3369, 1.5467

Details

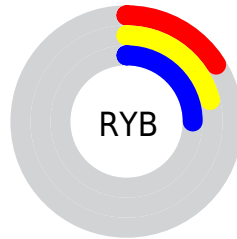
The HunterLab color **21.0319, -7.3369, 1.5467** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.7480, 6.5706, 1.2840**, and the grayscale version is **19.9344, -1.0636, 1.0831**.

A 20% lighter version of the original color is **38.1925, -9.9033, 2.6135**, and **7.7994, -5.1093, 1.2810** is the 20% darker color. If you saturate the color by 10%, you get **20.7117, -8.6348, 1.7536**, and if you desaturate by 10%, it is **21.3991, -5.8888, 1.3911**.

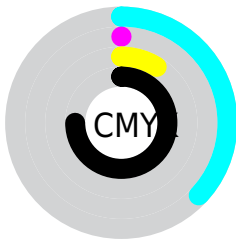
Distribution



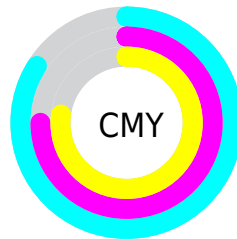
- Red (16%)
- Green (25%)
- Blue (23%)



- Red (16%)
- Yellow (21%)
- Blue (25%)



- Cyan (37%)
- Magenta (0%)
- Yellow (9%)
- Black (75%)



- Cyan (84%)
- Magenta (75%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0319, -7.3369, 1.5467 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 21.0319, -7.3369, 1.5467 by changing the saturation by 10% instead.

■ 21.0319, -7.3369,
1.5467

■ 21.0319, -7.3369,
1.5467

■ 120.0452,
-18.0046, 7.2580

■ 13.8319, -6.0334,
1.1015

■ 38.1571, -9.7743,
2.5691

■ 7.4586, -6.7813,
0.7980

■ 47.9105, -10.9547,
3.1393

0.0000, NaN, NaN

■ 58.3771, -12.1253,
3.7456

0.0000, NaN, NaN

■ 69.5112, -13.2928,
4.3860

0.0000, NaN, NaN

■ 81.2750, -14.4618,
5.0588

0.0000, NaN, NaN

■ 93.6364, -15.6353,

0.0000, NaN, NaN

106.5678,
-16.8157, 6.4960

21.0319, -7.3369,
1.5467

21.0319, -7.3369,
1.5467

20.7117, -8.6348,
1.7536

21.3991, -5.8888,
1.3911

20.4368, -9.7748,
2.0088

21.8118, -4.2988,
1.2870

20.2067, -10.7533,
2.3094

22.2701, -2.5778,
1.2352

20.0197, -11.5697,
2.6514

22.7732, -0.7376,
1.2350

19.8718, -12.2353,
3.0275

23.3198, 1.2097,
1.2854

■ 19.7332, -12.8662,
3.4023

■ 23.9086, 3.2519,
1.3847

■ 19.6986, -13.0242,
3.4941

■ 24.5381, 5.3772,
1.5307

■ 25.2067, 7.5744,
1.7212

■ 25.9128, 9.8334,
1.9534

Harmonies

Analogous

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



21.0323, -6.3586, 4.3508



21.0319, -7.3369, 1.5467



21.0323, -6.7411, -1.8453

Triad

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



21.0323, -7.3372, 1.5470



21.0323, 1.8952, -5.3276



21.0323, 2.6812, 5.7440

Complementary

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



21.0319, -7.3369, 1.5467



16.7480, 6.5706, 1.2840

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.



21.0323, 5.1539, 3.7517



21.0319, -7.3369, 1.5467



21.0323, 4.6800, -2.6617

Square

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



21.0323, -7.3372, 1.5470



21.0323, -1.5486, -6.1688



21.0323, 5.9078, 0.7346



21.0323, -0.6947, 6.5148

Rectangle

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



21.0319, -7.3369, 1.5467



21.0323, -5.5088, -3.9431



21.0323, 5.9078, 0.7346



21.0323, 3.6538, 5.2124

Sweetspot

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



21.0323, -7.3372, 1.5470



29.0899, -4.3214, 1.6463



21.0009, -8.1811, 7.1296



15.2536, -2.3257, 0.8657



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.



21.0323, -7.3372, 1.5470



27.3039, -11.2986, 2.2957



19.7182, -4.3261, -2.5109



12.1476, -1.5130, 0.6770



30.0127, -20.0656, 5.8027



75.0764, -50.8826, 16.0020

Inverse Universe

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



16.7480, 6.5706, 1.2840



20.3739, 11.3529, 1.9581



17.7939, 3.5594, 4.3375



11.5896, 0.2799, 0.6329



16.1332, 28.0433, 7.2104



40.2466, 69.6355, 20.4868

Previews

White Background



This preview shows how the HunterLab color 21.0319, -7.3369, 1.5467 looks on a white background.

Color Contrast Check

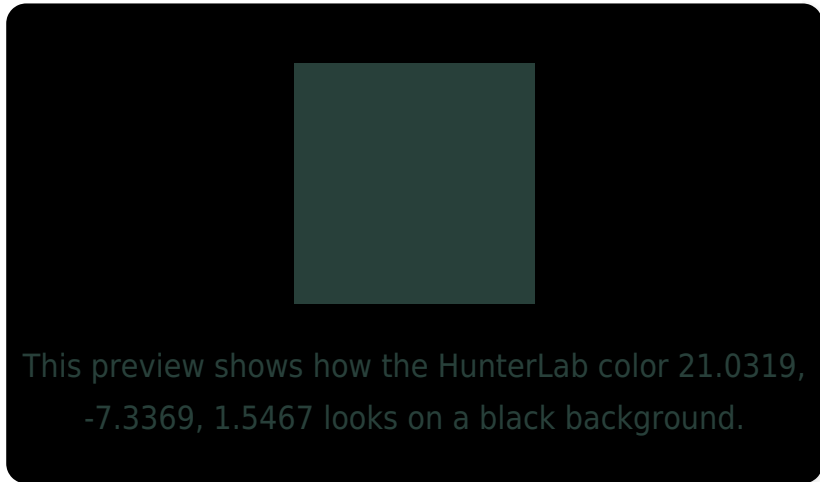
Large Text (above 18pt) WCAG AA ✓ Pass

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

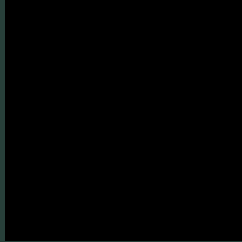
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

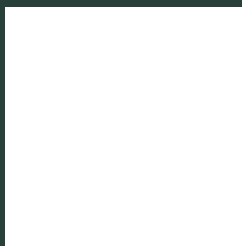
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 21.0319, -7.3369, 1.5467 Background



This preview shows how black text looks on a background with the HunterLab color 21.0319, -7.3369, 1.5467.



This preview shows how white text looks on a background with the HunterLab color 21.0319, -7.3369,

1.5467.

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

21.0319, -7.3369, 1.5467

Protanopia

20.9663, -1.1208, 2.6786

Deuteranopia

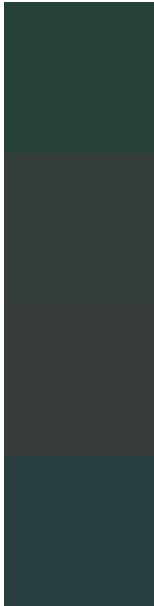
20.8946, 1.3009, 1.1570



Tritanopia

21.1296, -5.0799, -2.4146

Trichromacy



Original Color

21.0319, -7.3369, 1.5467

Protanomaly

20.9282, -3.7807, 2.2303

Deuteranomaly

20.9481, -2.2669, 1.1575

Tritanomaly

20.9681, -5.8996, -0.8983

Monochromacy



Original Color

21.0319, -7.3369, 1.5467

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.2520, -3.5533, 1.0845

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0319, -7.3369, 1.5467 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(40, 64, 58)` looks like.

```
.text, #text, p{  
    color:rgb(40, 64, 58)  
}
```

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(40, 64, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 64, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0319, -7.3369, 1.5467 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(40, 64, 58) }
```


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

```
.border{ border-color:rgb(40, 64, 58) }
```

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

Here you see how a box with a 4 pixel rgb(40, 64, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 64, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 64, 58);  
box-shadow:4px 4px 4px 4px rgb(40, 64, 58)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.0319, -7.3369, 1.5467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 64, 58) }
```

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

```
.background{ background-color: rgb(40, 64,  
58) }
```

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