

Converting Colors

HunterLab(21.0023, -3.5786,
0.0072)

Have a look what the booklet for
HunterLab(21.0023, -3.5786, 0.0072)
contains.

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Color

**HunterLab(20.9502, -3.4042,
-0.0479)**

Conversions

Conversions Part 1

Format	Color
Hex	333D3E
RGB	51, 61, 62
RGB Percent	20%, 24%, 24%
CMY	0.8000, 0.7608, 0.7569
CMYK	0.18, 0.02, 0.00, 0.76
HSL	185°, 10%, 22%
HSV	185°, 18%, 24%
XYZ	3.9035, 4.3891, 5.1989
YIQ	58.1240, -6.2810, -1.8090

Conversions

Conversions Part 2

Format	Color
R_{YB}	51, 56, 62
Decimal	3358014
CIE Lab	24.92, -3.86, -2.01
CIE LCh	25, 4.355, 207.456
Yxy	4.3893, 0.2893, 0.3253
Android (android.graphics.Color)	4281548094 (0xFF333D3E)
YUV	58.1240, 1.9109, -6.2477
Hunter-Lab	20.9502, -3.4042, -0.0479

Details

The HunterLab color **20.9502, -3.4042, -0.0479** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.2851, 1.5361, 2.2810**, and the grayscale version is **20.6079, -1.0996, 1.1197**.

A 20% lighter version of the original color is **37.9086, -4.8792, 0.6454**, and **7.4496, -2.6320, -0.7229** is the 20% darker color. If you saturate the color by 10%, you get **20.4427, -4.4987, -0.7002**, and if you desaturate by 10%, it is **21.4981, -2.1892, 0.6395**.

Distribution



 Red (20%)

 Green (24%)

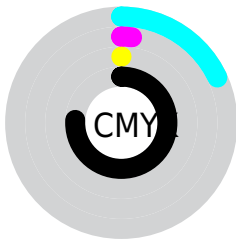
 Blue (24%)



 Red (20%)

 Yellow (22%)

 Blue (24%)

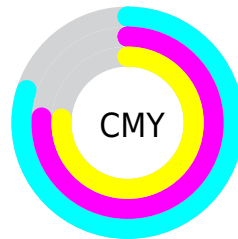


 Cyan (18%)

 Magenta (2%)

 Yellow (0%)

 Black (76%)



 Cyan (80%)

 Magenta (76%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.9502, -3.4042, -0.0479 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 20.9502, -3.4042, -0.0479 by changing the saturation by 10% instead.

■ 20.9502, -3.4042,
-0.0479

■ 20.9502, -3.4042,
-0.0479

■ 119.8991,
-10.5545, 4.4424

■ 13.7609, -2.7076,
-0.2931

■ 38.0575, -4.8417,
0.6354

■ 7.3793, -2.6761,
-0.7262

■ 47.8030, -5.5903,
1.0567

0.0000, NaN, NaN

■ 58.2622, -6.3611,
1.5240

0.0000, NaN, NaN

■ 69.3895, -7.1546,
2.0336

0.0000, NaN, NaN

■ 81.1467, -7.9708,
2.5825

0.0000, NaN, NaN

■ 93.5020, -8.8097,

0.0000, NaN, NaN

3.1683

0.0000, NaN, NaN

106.4275, -9.6710,
3.7888

■ 20.9502, -3.4042,
-0.0479

■ 20.9502, -3.4042,
-0.0479

■ 20.4427, -4.4987,
-0.7002

■ 21.4981, -2.1892,
0.6395

■ 19.9752, -5.4628,
-1.3145

■ 22.0839, -0.8620,
1.3571

■ 19.5486, -6.2892,
-1.8870

■ 22.7067, 0.5674,
2.1016

■ 19.1632, -6.9722,
-2.4144

■ 23.3653, 2.0895,
2.8694

■ 18.8188, -7.5079,
-2.8942

■ 24.0580, 3.6949,
3.6573

■ 18.5144, -7.8956,
-3.3245

■ 24.7833, 5.3751,
4.4624

■ 18.2457, -8.1496,
-3.7095

■ 25.5398, 7.1218,
5.2821

■ 17.9822, -8.3856,
-4.0929

■ 26.3259, 8.9276,
6.1140

■ 17.9224, -8.4405,
-4.1809

■ 27.1401, 10.7858,
6.9561

Harmonies

Analogous

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



20.9506, -3.6850, 1.2513



20.9502, -3.4042, -0.0479



20.9506, -2.5167, -1.0827

Triad

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



20.9506, -3.4046, -0.0476



20.9506, 1.1470, -0.2522



20.9506, -1.0020, 3.4914

Complementary

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



20.9502, -3.4042, -0.0479



19.2851, 1.5361, 2.2810

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.



20.9506, 0.3163, 3.1438



20.9502, -3.4042, -0.0479



20.9506, 1.5768, 1.0289

Square

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



20.9506, -3.4046, -0.0476



20.9506, 0.1088, -1.2061



20.9506, 1.2690, 2.2626



20.9506, -2.3192, 3.2434

Rectangle

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



20.9502, -3.4042, -0.0479



20.9506, -1.6878, -1.4547



20.9506, 1.2690, 2.2626



20.9506, -0.5441, 3.4409

Sweetspot

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



20.9506, -3.4046, -0.0476



28.4985, -2.4577, 1.0756



20.9674, -5.1437, 3.6707



14.6093, -1.2821, 0.5401



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.



20.9506, -3.4046, -0.0476



27.2992, -5.1133, -0.4322



19.5955, -1.2356, -1.7366



11.3235, -1.1998, 0.3127



27.2675, -12.7187, -6.6260



68.8240, -31.7017, -17.5892

Inverse Universe

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



19.3102, 3.3013, -1.5995



24.6478, 5.7808, -2.9876



20.5691, -0.6931, 3.6343



10.9059, 0.4902, -0.0668



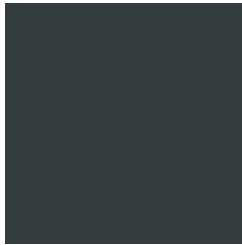
17.5117, 33.8059, -18.2698



44.4478, 85.6802, -45.4011

Previews

White Background



This preview shows how the HunterLab color 20.9502, -3.4042, -0.0479 looks on a white background.

Color Contrast Check

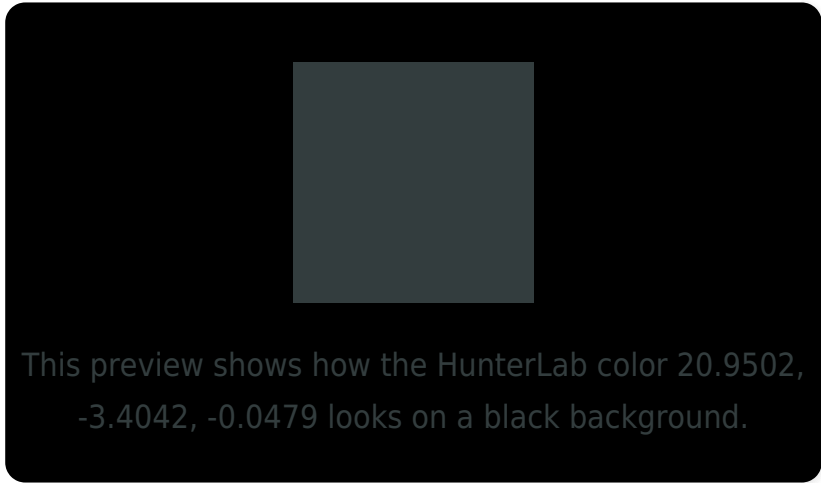
Large Text (above 18pt) WCAG AA ✓ Pass

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

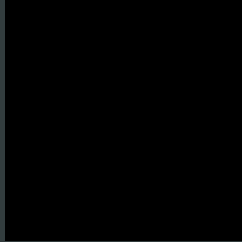
Any Text WCAG AA × Fail

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 20.9502, -3.4042, -0.0479 Background



This preview shows how black text looks on a background with the HunterLab color 20.9502, -3.4042, -0.0479.



This preview shows how white text looks on a background with the HunterLab color 20.9502, -3.4042, -0.0479.

-0.0479.

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

20.9502, -3.4042, -0.0479

Protanopia

21.0369, -0.5854, 0.5098

Deuteranopia

20.8372, 1.3147, -0.5180



Tritanopia

20.8409, -2.3305, -1.4261

Trichromacy



Original Color

20.9502, -3.4042, -0.0479

Protanomaly

21.0677, -1.7450, 0.5267

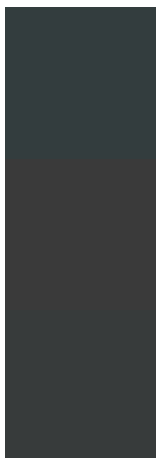
Deuteranomaly

20.7721, -0.1401, -0.6255

Tritanomaly

20.8133, -2.4833, -1.0358

Monochromacy



Original Color

20.9502, -3.4042, -0.0479

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.6299, -2.1072, 0.7835

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.9502, -3.4042, -0.0479 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(51, 61, 62)` looks like.

```
.text, #text, p{  
    color:rgb(51, 61, 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(51, 61, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 61, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 20.9502, -3.4042, -0.0479 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(51, 61, 62) }
```


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

```
.border{ border-color:rgb(51, 61, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 61, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 61, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 61, 62);  
box-shadow:4px 4px 4px 4px rgb(51, 61, 62)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.9502, -3.4042, -0.0479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 61, 62) }
```

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

```
.background{ background-color: rgb(51, 61,  
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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