

Converting Colors

HunterLab(21.0412, -2.3387,
0.4019)

Have a look what the booklet for
HunterLab(21.0412, -2.3387, 0.4019)
contains.

HunterLab(20.9305, -2.2280, 0.3522)	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(20.9305, -2.2280,
0.3522)**

Conversions

Conversions Part 1

Format	Color
Hex	373C3D
RGB	55, 60, 61
RGB Percent	22%, 24%, 24%
CMY	0.7843, 0.7647, 0.7608
CMYK	0.10, 0.02, 0.00, 0.76
HSL	190°, 5%, 23%
HSV	190°, 10%, 24%
XYZ	4.0337, 4.3809, 5.0479
YIQ	58.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

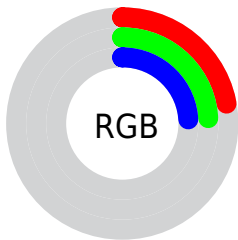
Format	Color
RYB	55, 58, 61
Decimal	3619901
CIELab	24.89, -1.86, -1.34
CIElCh	25, 2.291, 215.872
Yxy	4.3810, 0.2996, 0.3254
Android (android.graphics.Color)	4281809981 (0xFF373C3D)
YUV	58.6190, 1.1738, -3.1739
Hunter-Lab	20.9305, -2.2280, 0.3522

Details

The HunterLab color **20.9305, -2.2280, 0.3522** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20.2392, 0.1086, 1.8847**, and the grayscale version is **20.7793, -1.1087, 1.1290**.

A 20% lighter version of the original color is **37.9775, -3.2719, 1.1951**, and **7.4214, -1.6383, -0.3776** is the 20% darker color. If you saturate the color by 10%, you get **20.2827, -3.2197, -0.4639**, and if you desaturate by 10%, it is **21.6138, -1.1339, 1.1875**.

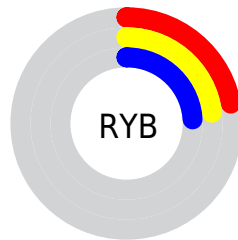
Distribution



Red (22%)

Green (24%)

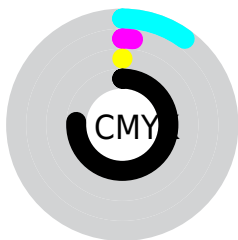
Blue (24%)



Red (22%)

Yellow (23%)

Blue (24%)

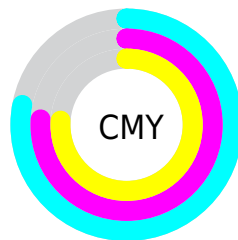


Cyan (10%)

Magenta (2%)

Yellow (0%)

Black (76%)



Cyan (78%)

Magenta (76%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.9305, -2.2280, 0.3522 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 20.9305, -2.2280, 0.3522 by changing the saturation by 10% instead.

■ 20.9305, -2.2280,
0.3522

■ 20.9305, -2.2280,
0.3522

■ 119.8639, -8.4033,
5.1351

■ 13.7438, -1.6960,
0.0601

■ 38.0334, -3.3912,
1.1161

■ 7.3600, -1.4924,
-0.3556

■ 47.7771, -4.0205,
1.5730

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.2345, -4.6804,
2.0736

0.0000, NaN, NaN

■ 69.3601, -5.3698,
2.6146

0.0000, NaN, NaN

■ 81.1158, -6.0877,
3.1934

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.4695, -6.8332,

3.8076

0.0000, NaN, NaN

106.3936, -7.6053,
4.4554

■ 20.9305, -2.2280,
0.3522

■ 20.9305, -2.2280,
0.3522

■ 20.2827, -3.2197,
-0.4639

■ 21.6138, -1.1339,
1.1875

■ 19.6706, -4.0986,
-1.2581

■ 22.3297, 0.0549,
2.0378

■ 19.0958, -4.8565,
-2.0262

■ 23.0772, 1.3294,
2.9004

■ 18.5593, -5.4851,
-2.7639

■ 23.8547, 2.6814,
3.7729

■ 18.0621, -5.9776,
-3.4673

■ 24.6607, 4.1032,
4.6531

■ 17.6044, -6.3290,
-4.1322

■ 25.4938, 5.5879,
5.5393

■ 17.1861, -6.5368,
-4.7555

■ 26.3525, 7.1292,
6.4300

■ 16.7984, -6.6322,
-5.3475

■ 27.2354, 8.7214,
7.3239

■ 16.4105, -6.7323,
-5.9567

■ 28.1414, 10.3594,
8.2203

Harmonies

Analogous

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



20.9309, -2.4779, 1.0041



20.9305, -2.2280, 0.3522



20.9309, -1.6811, -0.0990

Triad

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



20.9309, -2.2284, 0.3525



20.9309, 0.1611, 0.5936



20.9309, -1.2594, 2.4080

Complementary

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



20.9305, -2.2280, 0.3522



20.2392, 0.1086, 1.8847

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.



20.9309, -0.5488, 2.3064



20.9305, -2.2280, 0.3522



20.9309, 0.2776, 1.2737

Square

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



20.9309, -2.2284, 0.3525



20.9309, -0.3002, 0.0434



20.9309, 0.0162, 1.8967



20.9309, -1.9233, 2.1790

Rectangle

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



20.9305, -2.2280, 0.3522



20.9309, -1.2175, -0.2178



20.9309, 0.0162, 1.8967



20.9309, -1.0182, 2.4112

Sweetspot

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



20.9309, -2.2284, 0.3525



27.6984, -1.9503, 1.1791



21.0579, -3.3199, 2.4194



14.6518, -1.0735, 0.5945



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.



20.9309, -2.2284, 0.3525



26.8794, -3.2465, 0.1686



20.2123, -1.0533, -0.5143



11.2712, -1.1156, 0.2512



25.2085, -10.0821, -9.7440



63.1876, -24.4320, -26.2374

Inverse Universe

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



20.1266, 1.1972, -0.1711



25.5595, 2.3958, -0.6982



20.9420, -1.0801, 2.6522



10.9004, 0.4608, 0.0109



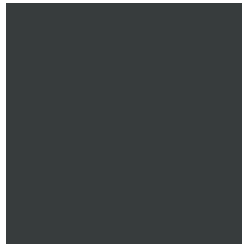
17.1974, 32.7032, -14.0970



43.5947, 82.6833, -34.0469

Previews

White Background



This preview shows how the HunterLab color 20.9305, -2.2280, 0.3522 looks on a white background.

Color Contrast Check

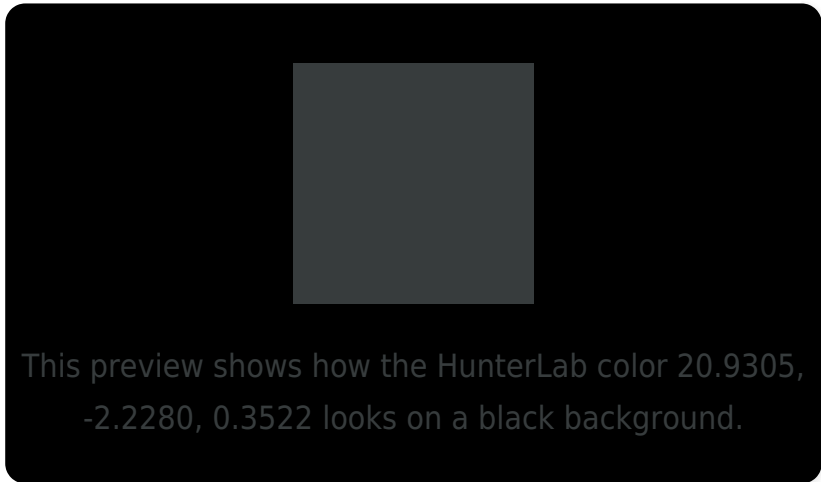
Large Text (above 18pt) WCAG AA ✓ Pass

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

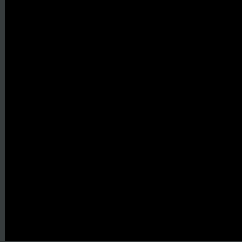
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

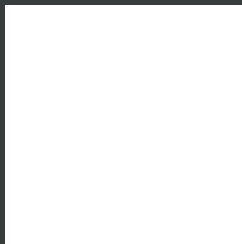
Any Text WCAG AAA × Fail

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

HunterLab 20.9305, -2.2280, 0.3522 Background



This preview shows how black text looks on a background with the HunterLab color 20.9305, -2.2280, 0.3522.



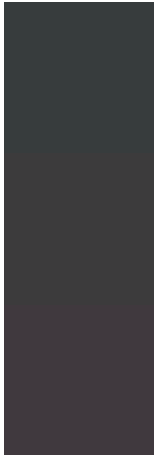
This preview shows how white text looks on a background with the HunterLab color 20.9305, -2.2280,

0.3522.

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

20.9305, -2.2280, 0.3522

Protanopia

21.0115, -0.7239, 0.8715

Deuteranopia

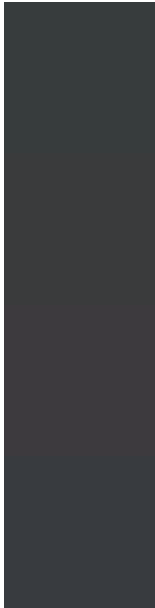
20.8903, 1.4398, -0.0370



Tritanopia

20.8299, -1.1441, -0.9911

Trichromacy



Original Color

20.9305, -2.2280, 0.3522

Protanomaly

20.8656, -1.2306, 0.6883

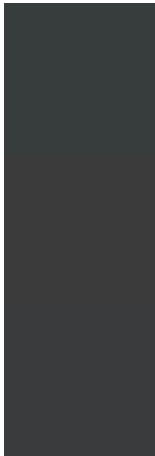
Deuteranomaly

20.8950, 0.2274, -0.0524

Tritanomaly

20.8028, -1.2927, -0.6070

Monochromacy



Original Color

20.9305, -2.2280, 0.3522

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

20.8656, -1.2306, 0.6883

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.9305, -2.2280, 0.3522 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(55, 60, 61)` looks like.

```
.text, #text, p{  
    color:rgb(55, 60, 61)  
}
```

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(55, 60, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 60, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 20.9305, -2.2280, 0.3522 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(55, 60, 61) }
```


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

```
.border{ border-color:rgb(55, 60, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 60, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 60, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 60, 61);  
box-shadow:4px 4px 4px 4px rgb(55, 60, 61)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.9305, -2.2280, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 60, 61) }
```

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

```
.background{ background-color: rgb(55, 60,  
61) }
```

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