

Converting Colors

HunterLab(21.3753, 30.0714,
-71.1059)

Have a look what the booklet for
HunterLab(21.3753, 30.0714,
-71.1059) contains.

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Color

**HunterLab(21.3738, 30.0711,
-71.1080)**

Conversions

Conversions Part 1	
Format	Color
Hex	36279A
RGB	54, 39, 154
RGB Percent	21%, 15%, 60%
CMY	0.7882, 0.8471, 0.3961
CMYK	0.65, 0.75, 0.00, 0.40
HSL	248°, 60%, 38%
HSV	248°, 75%, 60%
XYZ	8.0796, 4.5684, 31.0278
YIQ	56.5950, -27.9750, 38.9450

Conversions

Conversions Part 2

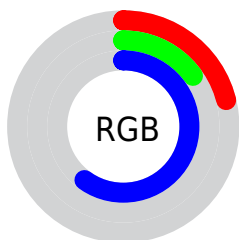
Format	Color
RYB	54, 39, 154
Decimal	3549082
CIELab	25.47, 41.11, -60.11
CIELCh	25, 72.825, 304.365
Yxy	4.5685, 0.1850, 0.1046
Android (android.graphics.Color)	4281739162 (0xFF36279A)
YUV	56.5950, 48.0207, -2.2758
Hunter-Lab	21.3738, 30.0711, -71.1080

Details

The HunterLab color **21.3738, 30.0711, -71.1080** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **53.6154, -18.6915, 30.5879**, and the grayscale version is **19.9377, -1.0638, 1.0833**.

A 20% lighter version of the original color is **38.5181, 33.5066, -68.5304**, and **9.7944, 26.5674, -69.5936** is the 20% darker color. If you saturate the color by 10%, you get **18.5297, 35.4904, -85.7828**, and if you desaturate by 10%, it is **24.9320, 24.4737, -56.9107**.

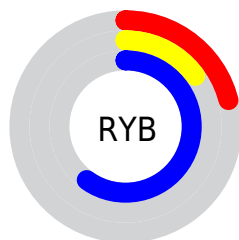
Distribution



Red (21%)

Green (15%)

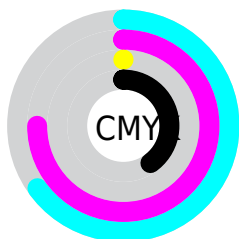
Blue (60%)



Red (21%)

Yellow (15%)

Blue (60%)

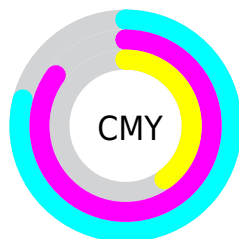


Cyan (65%)

Magenta (75%)

Yellow (0%)

Black (40%)



Cyan (79%)












Magenta (85%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.3738, 30.0711, -71.1080 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 21.3738, 30.0711, -71.1080 by changing the saturation by 10% instead.

 21.3738, 30.0711, -71.1080	 21.3738, 30.0711, -71.1080
 120.6547, 41.4129, -73.2927	 14.1293, 28.3123, -75.5509
 38.5735, 33.3708, -68.8562	 7.7805, 28.0221, -89.5893
 48.3596, 34.8400, -68.9760	0.0000, INF, -NF
 58.8566, 36.1894, -69.4373	0.0000, NaN, -NF
 70.0194, 37.4267, -70.0879	0.0000, NaN, -NF
 81.8103, 38.5602, -70.8415	0.0000, NaN, NaN
 94.1976, 39.5977,	0.0000, NaN, NaN

-71.6463

0.0000, NaN, NaN

107.1537, 40.5465,
-72.4703

21.3738, 30.0711,
-71.1080

21.3738, 30.0711,
-71.1080

18.5297, 35.4904,
-85.7828

24.9320, 24.4737,
-56.9107

16.5746, 39.7007,
-98.4526

29.0314, 19.1985,
-44.2111

15.7570, 41.7906,
-104.5943

33.5418, 14.3754,
-33.1204

38.3717, 9.9749,
-23.4192

43.4575, 5.9231,
-14.8279

■ 48.7546, 2.1449,
-7.0984

■ 54.2307, -1.4226,
-0.0323

■ 59.8619, -4.8295,
6.5222

■ 65.6301, -8.1143,
12.6803

Harmonies

Analogous

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



21.3740, 2.3373, -98.0330



21.3738, 30.0711, -71.1080



21.3740, 55.2956, -26.2984

Triad

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



21.3740, 30.0724, -71.1073



21.3740, 21.6137, 14.9618



21.3740, -29.8140, -2.3006

Complementary

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



21.3738, 30.0711, -71.1080



53.6154, -18.6915, 30.5879

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.



21.3740, -28.2212, 12.5564



21.3738, 30.0711, -71.1080



21.3740, -4.4113, 14.9618

Square

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



21.3740, 30.0724, -71.1073



21.3740, 49.1309, 14.4181



21.3740, -20.8479, 14.9618



21.3740, -26.8037, -38.9427

Rectangle

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



21.3738, 30.0711, -71.1080



21.3740, 63.2704, -3.4049



21.3740, -20.8479, 14.9618



21.3740, -29.7838, 4.9035

Sweetspot

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



21.3740, 30.0724, -71.1073



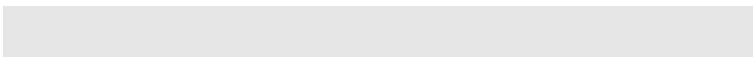
60.1449, 6.8164, -17.5666



46.5742, -19.6736, -10.5644



27.7787, 3.8638, -9.6451



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



21.3740, 30.0724, -71.1073



22.9670, 52.1289, -128.3037



26.6340, 40.3701, -50.9378



24.6233, 0.0838, -1.5100



14.2561, 37.7471, -94.1440



1.9787, 4.8247, -9.8538

Inverse Universe

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



31.9138, 48.8089, -24.8550



40.2385, 73.6486, -35.8156



50.1004, -32.4644, 28.0319



25.1193, 1.7089, -0.4169



26.4595, 50.6183, -24.0303



3.2869, 6.3702, -3.6214

Previews

White Background



This preview shows how the HunterLab color 21.3738, 30.0711, -71.1080 looks on a white background.

Color Contrast Check

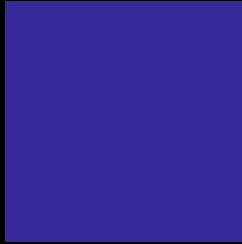
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 21.3738, 30.0711, -71.1080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

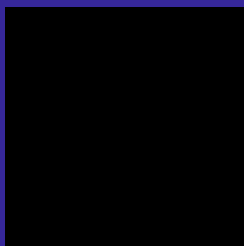
Any Text WCAG AA × Fail

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 21.3738, 30.0711, -71.1080 Background



This preview shows how black text looks on a background with the HunterLab color 21.3738, 30.0711, -71.1080.



This preview shows how white text looks on a background with the HunterLab color 21.3738, 30.0711, -71.1080.

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

21.3738, 30.0711, -71.1080

Protanopia

21.3494, 5.6060, -38.7866

Deuteranopia





21.1309, -0.8886, -24.4937






Tritanopia

21.1712, -10.2646, -4.3037

Trichromacy

	Original Color 21.3738, 30.0711, -71.1080
	Protanomaly 20.7989, 13.5465, -51.2406
	Deuteranomaly 20.5356, 9.1128, -41.2890
	Tritanomaly 20.0855, 1.7304, -24.6993

Monochromacy

	Original Color 21.3738, 30.0711, -71.1080
	Achromatopsia 20.2275, -1.0793, 1.0990
	Achromatomaly 19.7349, 8.0043, -18.1187

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.3738, 30.0711, -71.1080 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, 39, 154)` looks like.

```
.text, #text, p{  
    color:rgb(54, 39, 154)  
}
```

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, 39, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 39, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 21.3738, 30.0711, -71.1080 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, 39, 154) }
```


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

```
.border{ border-color:rgb(54, 39, 154) }
```

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

Here you see how a box with a 4 pixel rgb(54, 39, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 39, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 39, 154);  
box-shadow:4px 4px 4px 4px rgb(54, 39,  
154) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.3738, 30.0711, -71.1080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 39, 154) }
```

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

```
.background{ background-color: rgb(54, 39,  
154) }
```

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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