

Converting Colors

HunterLab(33.4895, -0.2801,
-21.7364)

Have a look what the booklet for
HunterLab(33.4895, -0.2801,
-21.7364) contains.

HunterLab(33.4330, -0.1711, -22.0427)	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(33.4330, -0.1711,
-22.0427)**

Conversions

Conversions Part 1

Format	Color
Hex	425F8A
RGB	66, 95, 138
RGB Percent	26%, 37%, 54%
CMY	0.7412, 0.6274, 0.4588
CMYK	0.52, 0.31, 0.00, 0.46
HSL	216°, 35%, 40%
HSV	216°, 52%, 54%
XYZ	10.9264, 11.1777, 25.6264
YIQ	91.2310, -31.0870, 7.2250

Conversions

Conversions Part 2

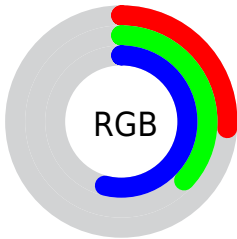
Format	Color
R_{YB}	66, 87, 138
Decimal	4349834
CIE _{Lab}	39.88, 2.26, -27.14
CIE _{LCh}	40, 27.235, 274.769
Yxy	11.1781, 0.2289, 0.2342
Android (android.graphics.Color)	4282539914 (0xFF425F8A)
YUV	91.2310, 23.0571, -22.1276
Hunter-Lab	33.4330, -0.1711, -22.0427

Details

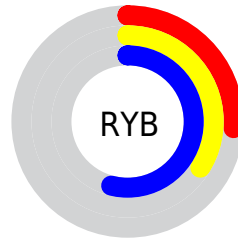
The HunterLab color $33.4330, -0.1711, -22.0427$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $40.9079, 2.3009, 17.7764$, and the grayscale version is $32.3563, -1.7265, 1.7580$.

A 20% lighter version of the original color is $52.8281, -0.8443, -23.4314$, and $17.1462, 0.5475, -21.3502$ is the 20% darker color. If you saturate the color by 10%, you get $30.5745, 1.3908, -27.7638$, and if you desaturate by 10%, it is $36.4430, -1.3069, -16.6863$.

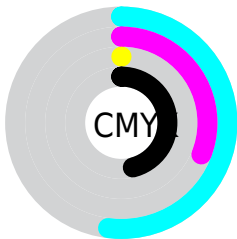
Distribution



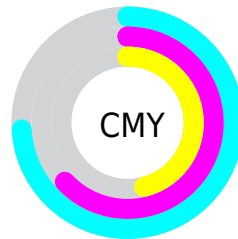
- Red (26%)
- Green (37%)
- Blue (54%)



- Red (26%)
- Yellow (34%)
- Blue (54%)



- Cyan (52%)
- Magenta (31%)
- Yellow (0%)
- Black (46%)



- Cyan (74%)
- Magenta (63%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4330, -0.1711, -22.0427 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 33.4330, -0.1711, -22.0427 by changing the saturation by 10% instead.

■ 33.4330, -0.1711,
-22.0427

■ 33.4330, -0.1711,
-22.0427

■ 141.0266, -4.9386,
-25.0906

■ 24.8731, 0.1376,
-21.4938

■ 52.9046, -0.9488,
-23.0907

■ 17.2016, 0.3818,
-21.0306

■ 63.7003, -1.4071,
-23.5441

■ 10.5373, 0.5480,
-20.9216

■ 75.1444, -1.9068,
-23.9408

0.0000, INF, -NF

0.0000, NaN, -NF

■ 87.2020, -2.4448,
-24.2801

0.0000, NaN, NaN

■ 99.8433, -3.0188,
-24.5628

0.0000, NaN, NaN

113.0425, -3.6269,

0.0000, NaN, NaN

-24.7908

0.0000, NaN, NaN

126.7770, -4.2673,
-24.9660

■ 33.4330, -0.1711,
-22.0427

■ 33.4330, -0.1711,
-22.0427

■ 30.5745, 1.3908,
-27.7638

■ 36.4430, -1.3069,
-16.6863

■ 27.8880, 3.4447,
-33.8749

■ 39.5839, -2.0790,
-11.6604

■ 25.4000, 6.0512,
-40.3699

■ 42.8407, -2.5423,
-6.9237

■ 23.1382, 9.2467,
-47.1941

■ 46.2006, -2.7433,
-2.4368

■ 21.5011, 12.0306,
-52.8453

■ 49.6528, -2.7210,
1.8362

■ 53.1884, -2.5077,
5.9272

■ 56.8000, -2.1298,
9.8635

■ 60.4812, -1.6094,
13.6687

■ 64.2268, -0.9646,
17.3626

Harmonies

Analogous

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



33.4336, -9.5990, -19.3329



33.4330, -0.1711, -22.0427



33.4336, 9.9099, -16.9782

Triad

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



33.4336, -0.1711, -22.0419



33.4336, 15.5343, 10.6658



33.4336, -17.4720, 8.7200

Complementary

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



33.4330, -0.1711, -22.0427



40.9079, 2.3009, 17.7764

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.



33.4336, -12.0662, 13.6347



33.4330, -0.1711, -22.0427



33.4336, 6.8183, 14.5045

Square

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



33.4336, -0.1711, -22.0419



33.4336, 19.6313, 3.3060



33.4336, -3.3703, 15.4046



33.4336, -18.8813, 0.2622

Rectangle

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



33.4330, -0.1711, -22.0427



33.4336, 15.4278, -10.5550



33.4336, -3.3703, 15.4046



33.4336, -16.0959, 10.7508

Sweetspot

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



33.4336, -0.1711, -22.0419



59.4623, -3.5696, -5.6824



45.1866, -23.6048, 8.8144



27.7923, -1.6686, -3.1839



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



33.4336, -0.1711, -22.0419



39.7958, 2.3810, -38.5811



26.6640, 14.9846, -36.7739



22.8066, -1.3319, -0.5435



20.6540, 11.3695, -50.3592



2.3615, -0.3354, -2.2276

Inverse Universe

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



31.8220, 25.6207, -0.1152



38.1852, 42.1583, 0.7649



48.4522, -12.6286, 23.3271



22.5384, 1.0352, 0.8548



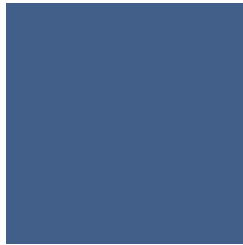
22.8360, 40.2494, 5.9033



1.9342, 3.5451, -0.5542

Previews

White Background



This preview shows how the HunterLab color 33.4330, -0.1711, -22.0427 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 × Fail

Black Background



This preview shows how the HunterLab color 33.4330, -0.1711, -22.0427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

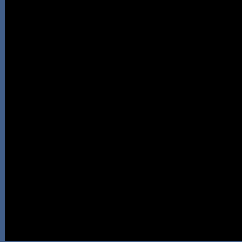
Any Text WCAG AA × Fail

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 33.4330, -0.1711, -22.0427 Background



This preview shows how black text looks on a background with the HunterLab color 33.4330, -0.1711, -22.0427.

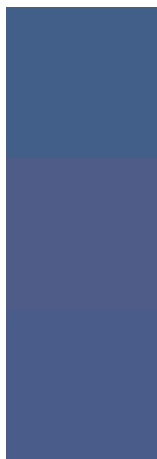


This preview shows how white text looks on a background with the HunterLab color 33.4330, -0.1711, -22.0427.

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

33.4330, -0.1711, -22.0427

Protanopia

33.3727, 3.5322, -20.7557

Deuteranopia

33.3460, 2.2715, -22.1648



Tritanopia

33.5444, -10.5720, -5.0875

Trichromacy



Original Color

33.4330, -0.1711, -22.0427

Protanomaly

33.3627, 2.2413, -21.4621

Deuteranomaly

33.4365, 1.2167, -22.0118

Tritanomaly

33.5267, -6.9454, -10.8865

Monochromacy



Original Color

33.4330, -0.1711, -22.0427

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.4513, -1.7093, -5.9546

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4330, -0.1711, -22.0427 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(66, 95, 138)` looks like.

```
.text, #text, p{  
    color:rgb(66, 95, 138)  
}
```

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(66, 95, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 95, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4330, -0.1711, -22.0427 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(66, 95, 138) }
```


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

```
.border{ border-color:rgb(66, 95, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 95, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 95, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 95, 138);  
box-shadow:4px 4px 4px 4px rgb(66, 95,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.4330, -0.1711, -22.0427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 95, 138) }
```

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

```
.background{ background-color: rgb(66, 95,  
138) }
```

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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