

Converting Colors

HunterLab(42.8036, -30.0381,
20.3705)

Have a look what the booklet for
HunterLab(42.8036, -30.0381,
20.3705) contains.

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Color

**HunterLab(42.8220,
-29.9491, 20.3200)**

Conversions

Conversions Part 1

Format	Color
Hex	33873A
RGB	51, 135, 58
RGB Percent	20%, 53%, 23%
CMY	0.8000, 0.4706, 0.7725
CMYK	0.62, 0.00, 0.57, 0.47
HSL	125°, 45%, 36%
HSV	125°, 62%, 53%
XYZ	10.7929, 18.3372, 6.9736
YIQ	101.1060, -25.3470, -41.7550

Conversions

Conversions Part 2

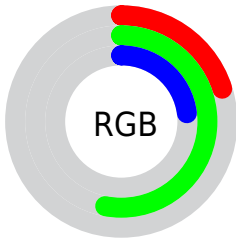
Format	Color
RYB	51, 129, 135
Decimal	3376954
CIELab	49.90, -41.94, 33.61
CIElCh	50, 53.743, 141.295
Yxy	18.3380, 0.2989, 0.5079
Android (android.graphics.Color)	4281567034 (0xFF33873A)
YUV	101.1060, -21.2513, -43.9430
Hunter-Lab	42.8220, -29.9491, 20.3200

Details

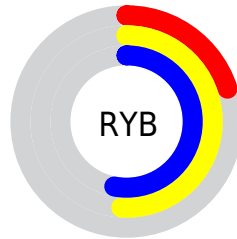
The HunterLab color $42.8220, -29.9491, 20.3200$ is a dark color, and the websafe version is hex 339933 . A complement of this color would be $30.1286, 36.5722, -20.9837$, and the grayscale version is $36.1994, -1.9315, 1.9668$.

A 20% lighter version of the original color is $63.7044, -36.0672, 25.6769$, and $25.2154, -21.3740, 14.6233$ is the 20% darker color. If you saturate the color by 10%, you get $42.3387, -32.2228, 21.9589$, and if you desaturate by 10%, it is $43.4540, -27.0434, 18.3113$.

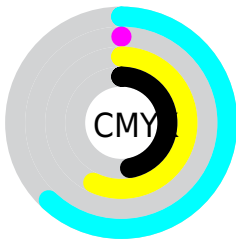
Distribution



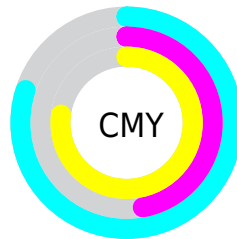
- Red (20%)
- Green (53%)
- Blue (23%)



- Red (20%)
- Yellow (51%)
- Blue (53%)



- Cyan (62%)
- Magenta (0%)
- Yellow (57%)
- Black (47%)



- Cyan (80%)
- Magenta (47%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8220, -29.9491, 20.3200 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 42.8220, -29.9491, 20.3200 by changing the saturation by 10% instead.

■ 42.8220, -29.9491,
20.3200

■ 42.8220, -29.9491,
20.3200

155.8106,
-54.7917, 41.6876

■ 33.4558, -26.5656,
17.4510

■ 63.7279, -36.1391,
25.5996

■ 24.8933, -22.8957,
14.3641

■ 75.1735, -39.0290,
28.0749

■ 17.2194, -18.8161,
11.8825

■ 87.2326, -41.8189,
30.4704

■ 10.5524, -18.1580,
7.3867

■ 99.8753, -44.5274,
32.8015

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 113.0758,
-47.1689, 35.0802

0.0000, NaN, NaN

■ 126.8116,

0.0000, NaN, NaN

-49.7545, 37.3160

0.0000, NaN, NaN

141.0625,
-52.2930, 39.5164

■ 42.8220, -29.9491,
20.3200

■ 42.8220, -29.9491,
20.3200

■ 42.3387, -32.2228,
21.9589

■ 43.4540, -27.0434,
18.3113

■ 41.9930, -33.8749,
23.2251

■ 44.2370, -23.5138,
15.9458

■ 41.7734, -34.9448,
24.1303

■ 45.1740, -19.3900,
13.2473

■ 41.6574, -35.5091,
24.5858

■ 46.2646, -14.7151,
10.2463

■ 47.5063, -9.5417,
6.9781

■ 48.8950, -3.9280,
3.4796

■ 50.4252, 2.0665,
-0.2125

■ 52.0905, 8.3840,
-4.0632

■ 53.8842, 14.9707,
-8.0410

Harmonies

Analogous

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



42.8229, -16.2578, 25.1389



42.8220, -29.9491, 20.3200



42.8229, -35.9006, 7.8527

Triad

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



42.8229, -29.9497, 20.3203



42.8229, -8.3508, -57.3975



42.8229, 43.3036, 14.2702

Complementary

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



42.8220, -29.9491, 20.3200



30.1286, 36.5722, -20.9837

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.



42.8229, 46.5718, -4.0406



42.8220, -29.9491, 20.3200



42.8229, 13.7413, -52.6894

Square

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



42.8229, -29.9497, 20.3203



42.8229, -25.1421, -40.9698



42.8229, 34.8775, -30.1673



42.8229, 26.6685, 23.0339

Rectangle

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



42.8220, -29.9491, 20.3200



42.8229, -35.6862, -6.0861



42.8229, 34.8775, -30.1673



42.8229, 46.1162, 9.3244

Sweetspot

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



42.8229, -29.9497, 20.3203



62.3552, -17.8188, 12.5220



47.0713, -13.4935, 24.8239



29.8148, -9.3867, 6.5415



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.



42.8229, -29.9497, 20.3203



56.4287, -44.2058, 30.2012



43.5346, -25.6306, 9.9566



22.8267, -3.7341, 2.8163



40.0030, -34.0902, 23.5907



2.3627, -1.9556, 1.2685

Inverse Universe

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



30.1286, 36.5722, -20.9837



37.0669, 58.3187, -33.0402



28.6194, 30.0974, -0.0777



21.8090, 1.4612, -0.4423



24.6713, 47.6693, -26.0645



1.4689, 2.8643, -1.7539

Previews

White Background



This preview shows how the HunterLab color 42.8220, -29.9491, 20.3200 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 42.8220, -29.9491, 20.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

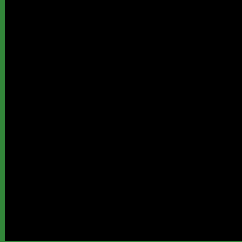
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 42.8220, -29.9491, 20.3200 Background



This preview shows how black text looks on a background with the HunterLab color 42.8220, -29.9491, 20.3200.



This preview shows how white text looks on a background with the HunterLab color 42.8220, -29.9491, 20.3200.

-29.9491, 20.3200.

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

42.8220, -29.9491, 20.3200

Protanopia

42.4726, -5.0617, 21.3810

Deuteranopia

42.2940, 2.8873, 19.3122



Tritanopia

42.8071, -13.6018, -6.6405

Trichromacy



Original Color

42.8220, -29.9491, 20.3200

Protanomaly

41.8520, -16.1889, 20.3852

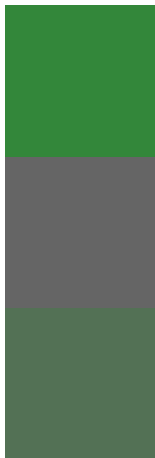
Deuteranomaly

41.3470, -11.8468, 18.7352

Tritanomaly

42.5887, -20.8664, 6.1267

Monochromacy



Original Color

42.8220, -29.9491, 20.3200

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

37.8221, -13.7456, 9.5927

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.8220, -29.9491, 20.3200 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, 135, 58)` looks like.

```
.text, #text, p{  
    color:rgb(51, 135, 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(51, 135, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 135, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 42.8220, -29.9491, 20.3200 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, 135, 58) }
```


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

```
.border{ border-color:rgb(51, 135, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 135, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 135, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 135, 58);  
box-shadow:4px 4px 4px 4px rgb(51, 135,  
58) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.8220, -29.9491, 20.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 135, 58) }
```

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

```
.background{ background-color: rgb(51, 135,  
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](#).

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