

Converting Colors

HunterLab(42.2081, -29.2624,
20.4202)

Have a look what the booklet for
HunterLab(42.2081, -29.2624,
20.4202) contains.

HunterLab(42.1993, -29.2427, 20.4128)	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(42.1993,
-29.2427, 20.4128)**

Conversions

Conversions Part 1

Format	Color
Hex	358537
RGB	53, 133, 55
RGB Percent	21%, 52%, 22%
CMY	0.7922, 0.4784, 0.7843
CMYK	0.60, 0.00, 0.59, 0.48
HSL	122°, 43%, 36%
HSV	122°, 60%, 52%
XYZ	10.5454, 17.8078, 6.4959
YIQ	100.1880, -22.6420, -41.2180

Conversions

Conversions Part 2

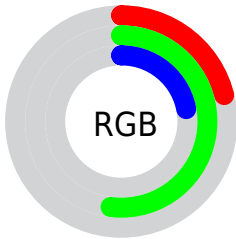
Format	Color
RYB	53, 131, 133
Decimal	3507511
CIELab	49.26, -41.05, 34.37
CIELCh	49, 53.536, 140.057
Yxy	17.8086, 0.3026, 0.5110
Android (android.graphics.Color)	4281697591 (0xFF358537)
YUV	100.1880, -22.2777, -41.3839
Hunter-Lab	42.1993, -29.2427, 20.4128

Details

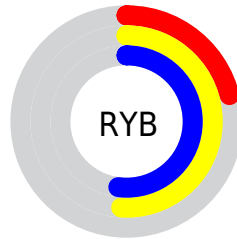
The HunterLab color **42.1993, -29.2427, 20.4128** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **30.2850, 35.6665, -22.7531**, and the grayscale version is **35.8571, -1.9132, 1.9482**.

A 20% lighter version of the original color is **63.0304, -35.3881, 25.9000**, and **24.5877, -20.9248, 14.4383** is the 20% darker color. If you saturate the color by 10%, you get **41.6993, -31.5804, 22.0229**, and if you desaturate by 10%, it is **42.8503, -26.2604, 18.3842**.

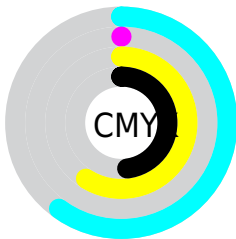
Distribution



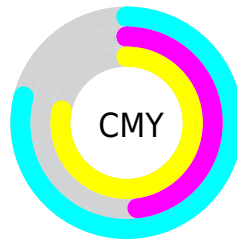
- Red (21%)
- Green (52%)
- Blue (22%)



- Red (21%)
- Yellow (51%)
- Blue (52%)



- Cyan (60%)
- Magenta (0%)
- Yellow (59%)
- Black (48%)



- Cyan (79%)
- Magenta (48%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.1993, -29.2427, 20.4128 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 42.1993, -29.2427, 20.4128 by changing the saturation by 10% instead.

■ 42.1993, -29.2427,
20.4128

■ 42.1993, -29.2427,
20.4128

154.8515,
-53.7055, 42.2036

■ 32.8826, -25.9114,
17.4724

■ 63.0165, -35.3354,
25.8139

■ 24.3741, -22.2956,
14.3051

■ 74.4218, -38.1800,
28.3419

■ 16.7607, -18.2711,
11.7325

■ 86.4425, -40.9265,
30.7859

■ 10.1635, -17.7861,
7.1144

■ 99.0486, -43.5934,
33.1622

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.2141,
-46.1948, 35.4831

0.0000, NaN, NaN

■ 125.9163,

0.0000, NaN, NaN

-48.7417, 37.7587

0.0000, NaN, NaN

140.1348,
-51.2429, 39.9967

■ 42.1993, -29.2427,
20.4128

■ 42.1993, -29.2427,
20.4128

■ 41.6993, -31.5804,
22.0229

■ 42.8503, -26.2604,
18.3842

■ 41.3397, -33.2816,
23.2173

■ 43.6544, -22.6444,
15.9472

■ 41.1094, -34.3841,
24.0168

■ 44.6142, -18.4273,
13.1250

■ 40.9672, -35.0658,
24.4916

■ 45.7288, -13.6553,
9.9494

■ 46.9953, -8.3838,
6.4576

■ 48.4091, -2.6731,
2.6900

■ 49.9645, 3.4155,
-1.3133

■ 51.6549, 9.8231,
-5.5135

■ 53.4731, 16.4954,
-9.8753

Harmonies

Analogous

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



42.2002, -15.3777, 24.9312



42.1993, -29.2427, 20.4128



42.2002, -35.4413, 8.4751

Triad

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



42.2002, -29.2433, 20.4130



42.2002, -9.0831, -56.7576



42.2002, 43.4179, 13.5751

Complementary

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



42.1993, -29.2427, 20.4128



30.2850, 35.6665, -22.7531

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.



42.2002, 46.0285, -4.9843



42.1993, -29.2427, 20.4128



42.2002, 12.6997, -52.9873

Square

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



42.2002, -29.2433, 20.4130



42.2002, -25.4223, -39.7127



42.2002, 33.8810, -31.0714



42.2002, 27.3279, 22.5571

Rectangle

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



42.1993, -29.2427, 20.4128



42.2002, -35.4320, -5.0729



42.2002, 33.8810, -31.0714



42.2002, 46.0087, 8.5387

Sweetspot

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



42.2002, -29.2433, 20.4130



61.4739, -17.0906, 12.5293



46.8100, -11.3922, 24.3784



28.9863, -8.9226, 6.4850



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



42.2002, -29.2433, 20.4130



55.6127, -43.1487, 30.0900



42.8333, -25.4021, 11.1813



22.8178, -3.7843, 2.9448



39.9821, -34.2210, 23.8992



2.3558, -1.9989, 1.3705

Inverse Universe

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



30.2850, 35.6665, -22.7531



37.4193, 57.0348, -36.4198



28.8097, 29.2846, -2.4165



21.8194, 1.5172, -0.5905



25.0535, 48.9998, -31.0570



1.4800, 2.9027, -1.8974

Previews

White Background



This preview shows how the HunterLab color 42.1993, -29.2427, 20.4128 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 42.1993, -29.2427, 20.4128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

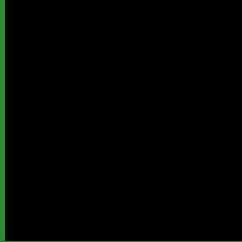
Any Text WCAG AA ✓ Pass

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 42.1993, -29.2427, 20.4128 Background



This preview shows how black text looks on a background with the HunterLab color 42.1993, -29.2427, 20.4128.



This preview shows how white text looks on a background with the HunterLab color 42.1993,

-29.2427, 20.4128.

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

42.1993, -29.2427, 20.4128

Protanopia

41.9762, -5.4611, 21.5076

Deuteranopia

41.8873, 2.7828, 19.6104



Tritanopia

42.1832, -12.9741, -6.4513

Trichromacy



Original Color

42.1993, -29.2427, 20.4128

Protanomaly

41.4494, -16.2528, 20.6093

Deuteranomaly

41.0176, -11.6536, 19.0899

Tritanomaly

41.9557, -20.2384, 6.2292

Monochromacy



Original Color

42.1993, -29.2427, 20.4128

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

37.5066, -13.4681, 9.6167

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.1993, -29.2427, 20.4128 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(53, 133, 55)` looks like.

```
.text, #text, p{  
    color:rgb(53, 133, 55)  
}
```

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(53, 133, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 133, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 42.1993, -29.2427, 20.4128 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(53, 133, 55) }
```


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

```
.border{ border-color:rgb(53, 133, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 133, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 133, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 133, 55);  
box-shadow:4px 4px 4px 4px rgb(53, 133,  
55) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.1993, -29.2427, 20.4128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 133, 55) }
```

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

```
.background{ background-color: rgb(53, 133,  
55) }
```

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