

Converting Colors

HunterLab(33.5425, -20.6039,
12.9941)

Have a look what the booklet for
HunterLab(33.5425, -20.6039,
12.9941) contains.

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Color

**HunterLab(33.5443,
-20.5893, 12.9960)**

Conversions

Conversions Part 1

Format	Color
Hex	306A3B
RGB	48, 106, 59
RGB Percent	19%, 42%, 23%
CMY	0.8118, 0.5843, 0.7686
CMYK	0.55, 0.00, 0.44, 0.58
HSL	131°, 38%, 30%
HSV	131°, 55%, 42%
XYZ	7.1624, 11.2522, 5.9321
YIQ	83.3000, -19.4810, -26.9130

Conversions

Conversions Part 2

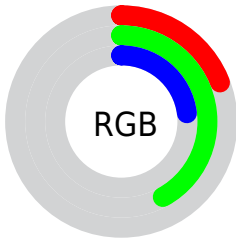
Format	Color
R_{YB}	48, 97, 106
Decimal	3172923
CIE _{Lab}	40.00, -30.20, 20.74
CIE _{LCh}	40, 36.632, 145.523
Yxy	11.2527, 0.2942, 0.4622
Android (android.graphics.Color)	4281363003 (0xFF306A3B)
YUV	83.3000, -11.9799, -30.9581
Hunter-Lab	33.5443, -20.5893, 12.9960

Details

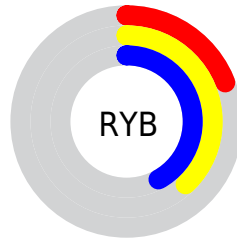
The HunterLab color **33.5443, -20.5893, 12.9960** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **24.5041, 23.1643, -10.6916**, and the grayscale version is **29.5680, -1.5777, 1.6065**.

A 20% lighter version of the original color is **53.0734, -25.5248, 16.7176**, and **17.4946, -14.2978, 8.9981** is the 20% darker color. If you saturate the color by 10%, you get **33.0804, -22.7291, 14.4938**, and if you desaturate by 10%, it is **34.1153, -18.0255, 11.3150**.

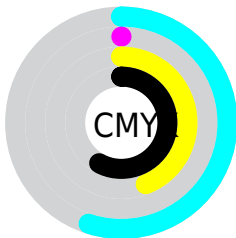
Distribution



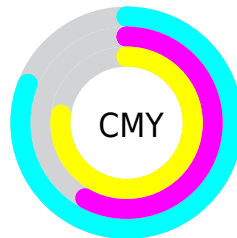
- Red (19%)
- Green (42%)
- Blue (23%)



- Red (19%)
- Yellow (38%)
- Blue (42%)



- Cyan (55%)
- Magenta (0%)
- Yellow (44%)
- Black (58%)



- Cyan (81%)
- Magenta (58%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.5443, -20.5893, 12.9960 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 33.5443, -20.5893, 12.9960 by changing the saturation by 10% instead.

■ 33.5443, -20.5893,
12.9960

■ 33.5443, -20.5893,
12.9960

141.2065,
-40.4001, 28.4092

■ 24.9741, -17.8935,
10.9868

■ 53.0344, -25.4914,
16.7041

■ 17.2909, -14.9325,
8.8070

■ 63.8384, -27.7803,
18.4596

■ 10.6131, -13.2691,
7.4292

■ 75.2903, -29.9949,
20.1728

■ 0.1764, -0.3086,
0.1234

■ 87.3553, -32.1515,
21.8548

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.0036,
-34.2621, 23.5138

0.0000, NaN, NaN

■ 113.2096,

0.0000, NaN, NaN

-36.3358, 25.1562

0.0000, NaN, NaN

126.9506,
-38.3799, 26.7867

■ 33.5443, -20.5893,
12.9960

■ 33.5443, -20.5893,
12.9960

■ 33.0804, -22.7291,
14.4938

■ 34.1153, -18.0255,
11.3150

■ 32.7180, -24.4366,
15.7936

■ 34.7928, -15.0549,
9.4677

■ 32.4523, -25.7192,
16.8867

■ 35.5775, -11.7054,
7.4748

■ 32.2696, -26.6239,
17.7654

■ 36.4679, -8.0110,
5.3579

■ 32.1860, -27.0351,
18.1314

■ 37.4614, -4.0092,
3.1389

■ 38.5548, 0.2613,
0.8387

■ 39.7440, 4.7622,
-1.5234

■ 41.0245, 9.4576,
-3.9301

■ 42.3916, 14.3145,
-6.3666

Harmonies

Analogous

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



33.5450, -12.2413, 17.3221



33.5443, -20.5893, 12.9960



33.5450, -23.9114, 3.6935

Triad

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



33.5450, -20.5898, 12.9963



33.5450, -3.7904, -33.2112



33.5450, 24.9375, 10.8043

Complementary

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



33.5443, -20.5893, 12.9960



24.5041, 23.1643, -10.6916

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.



33.5450, 28.1438, -0.1556



33.5443, -20.5893, 12.9960



33.5450, 10.1179, -28.8996

Square

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



33.5450, -20.5898, 12.9963



33.5450, -15.2347, -25.5086



33.5450, 22.3502, -15.3371



33.5450, 14.1712, 16.4520

Rectangle

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



33.5443, -20.5893, 12.9960



33.5450, -23.2839, -5.4625



33.5450, 22.3502, -15.3371



33.5450, 27.0010, 7.7750

Sweetspot

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



33.5450, -20.5898, 12.9963



48.0974, -11.4872, 7.5921



36.0202, -11.2725, 17.3953



23.1947, -5.9063, 3.8714



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



33.5450, -20.5898, 12.9963



43.6598, -30.8744, 19.7643



34.1107, -17.2045, 4.8076



18.5831, -2.8845, 2.0549



35.8490, -30.1541, 20.2859



80.8607, -68.4521, 46.6996

Inverse Universe

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



24.5041, 23.1643, -10.6916



29.6033, 37.7915, -16.9813



23.6134, 19.1152, 1.8004



17.7610, 1.0199, -0.0949



21.5172, 40.6930, -15.8952



48.4467, 91.4174, -34.2050

Previews

White Background



This preview shows how the HunterLab color 33.5443, -20.5893, 12.9960 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

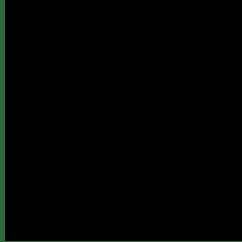
Any Text WCAG AA × Fail

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 33.5443, -20.5893, 12.9960 Background



This preview shows how black text looks on a background with the HunterLab color 33.5443, -20.5893, 12.9960.



This preview shows how white text looks on a background with the HunterLab color 33.5443,

-20.5893, 12.9960.

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

33.5443, -20.5893, 12.9960

Protanopia

33.3996, -3.6048, 14.3222

Deuteranopia

33.3406, 1.8067, 12.2132



Tritanopia

33.4032, -9.6803, -4.7689

Trichromacy



Original Color

33.5443, -20.5893, 12.9960

Protanomaly

32.9543, -10.8233, 13.3855

Deuteranomaly

32.9202, -7.8768, 11.9393

Tritanomaly

33.2892, -14.1381, 3.0372

Monochromacy



Original Color

33.5443, -20.5893, 12.9960

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

30.4609, -9.3398, 5.9963

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5443, -20.5893, 12.9960 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(48, 106, 59)` looks like.

```
.text, #text, p{  
    color:rgb(48, 106, 59)  
}
```

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(48, 106, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 106, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5443, -20.5893, 12.9960 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(48, 106, 59) }
```


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

```
.border{ border-color:rgb(48, 106, 59) }
```

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

Here you see how a box with a 4 pixel rgb(48, 106, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 106, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 106, 59);  
box-shadow:4px 4px 4px 4px rgb(48, 106,  
59) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.5443, -20.5893, 12.9960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 106, 59) }
```

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

```
.background{ background-color: rgb(48, 106,  
59) }
```

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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