

Converting Colors

HunterLab(33.5907, -21.1256,
18.6026)

Have a look what the booklet for
HunterLab(33.5907, -21.1256,
18.6026) contains.

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Color

**HunterLab(33.5890,
-21.1271, 18.6024)**

Conversions

Conversions Part 1

Format	Color
Hex	3A6A1A
RGB	58, 106, 26
RGB Percent	23%, 42%, 10%
CMY	0.7725, 0.5843, 0.8980
CMYK	0.45, 0.00, 0.75, 0.58
HSL	96°, 61%, 26%
HSV	96°, 75%, 42%
XYZ	7.0854, 11.2822, 2.7816
YIQ	82.5280, -2.9280, -35.0560

Conversions

Conversions Part 2

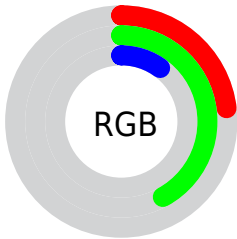
Format	Color
RYB	26, 106, 74
Decimal	3828250
CIELab	40.05, -31.17, 37.74
CIELCh	40, 48.946, 129.557
Yxy	11.2827, 0.3350, 0.5335
Android (android.graphics.Color)	4282018330 (0xFF3A6A1A)
YUV	82.5280, -27.8683, -21.5111
Hunter-Lab	33.5890, -21.1271, 18.6024

Details

The HunterLab color $[33.5890, -21.1271, 18.6024]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[17.9880, 26.0325, -33.4067]$, and the grayscale version is $[29.3389, -1.5654, 1.5940]$.

A 20% lighter version of the original color is $[53.1759, -26.1662, 24.8866]$, and $[17.4698, -14.6006, 10.5092]$ is the 20% darker color. If you saturate the color by 10%, you get $[33.2637, -22.5740, 19.2691]$, and if you desaturate by 10%, it is $[33.9732, -19.4171, 17.5963]$.

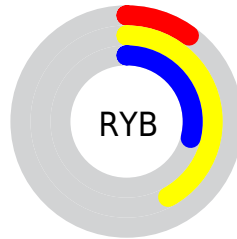
Distribution



Red (23%)

Green (42%)

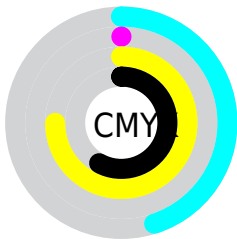
Blue (10%)



Red (10%)

Yellow (42%)

Blue (29%)

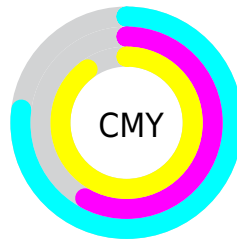


Cyan (45%)

Magenta (0%)

Yellow (75%)

Black (58%)



Cyan (77%)

Magenta (58%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.5890, -21.1271, 18.6024 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 33.5890, -21.1271, 18.6024 by changing the saturation by 10% instead.

■ 33.5890, -21.1271,
18.6024

■ 33.5890, -21.1271,
18.6024

141.2788,
-41.4164, 42.8565

■ 25.0146, -18.3538,
15.1772

■ 53.0865, -26.1623,
24.7801

■ 17.3268, -15.3040,
12.1287

■ 63.8938, -28.5097,
27.6255

■ 10.6436, -13.6484,
7.4505

■ 75.3488, -30.7789,
30.3525

■ 0.7629, -1.3352,
0.5341

■ 87.4168, -32.9868,
32.9842

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.0680,
-35.1459, 35.5380

0.0000, NaN, NaN

■ 113.2767,

0.0000, NaN, NaN

-37.2658, 38.0278

0.0000, NaN, NaN

127.0203,
-39.3540, 40.4644

33.5890, -21.1271,
18.6024

33.5890, -21.1271,
18.6024

33.2637, -22.5740,
19.2691

33.9732, -19.4171,
17.5963

32.9899, -23.7793,
19.6640

34.4159, -17.4406,
16.2313

32.8774, -24.2787,
19.8338

34.9188, -15.2025,
14.4981

35.4825, -12.7110,
12.3948

36.1067, -9.9777,
9.9260

■ 36.7909, -7.0169,
7.1011

■ 37.5341, -3.8443,
3.9338

■ 38.3352, -0.4769,
0.4409

■ 39.1924, 3.0679,
-3.3589

Harmonies

Analogous

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



33.5897, -7.3530, 20.7931



33.5890, -21.1271, 18.6024



33.5897, -28.4770, 11.4206

Triad

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



33.5897, -21.1278, 18.6026



33.5897, -13.0556, -46.0126



33.5897, 39.6380, 6.8513

Complementary

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



33.5890, -21.1271, 18.6024



17.9880, 26.0325, -33.4067

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.



33.5897, 37.2101, -11.8353



33.5890, -21.1271, 18.6024



33.5897, 4.1517, -49.5901

Square

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



33.5897, -21.1278, 18.6026



33.5897, -24.5438, -26.6491



33.5897, 23.2311, -34.7842



33.5897, 29.2975, 16.7706

Rectangle

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



33.5890, -21.1271, 18.6024



33.5897, -29.8857, 2.0823



33.5897, 23.2311, -34.7842



33.5897, 40.3300, 1.5724

Sweetspot

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



33.5897, -21.1278, 18.6026



47.9924, -12.5209, 12.4981



28.3493, 4.4096, 15.5016



23.1141, -6.5558, 6.5111



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.



33.5897, -21.1278, 18.6026



43.7713, -31.1988, 25.9371



32.6247, -24.9813, 16.9151



18.7039, -2.4989, 2.5504



36.5991, -27.1541, 22.0768



82.3259, -62.5038, 49.6346

Inverse Universe

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



17.9880, 26.0325, -33.4067



20.3795, 40.4243, -56.3570



21.6452, 32.3685, -17.7493



17.6252, 0.6138, -0.6834



16.1489, 35.6522, -51.5544



35.7396, 79.6166, -119.6281

Previews

White Background



This preview shows how the HunterLab color 33.5890, -21.1271, 18.6024 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 33.5890, -21.1271, 18.6024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

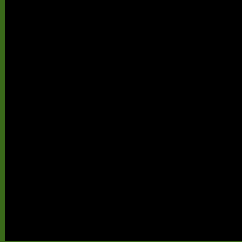
Any Text WCAG AA × Fail

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 33.5890, -21.1271, 18.6024 Background



This preview shows how black text looks on a background with the HunterLab color 33.5890, -21.1271, 18.6024.



This preview shows how white text looks on a background with the HunterLab color 33.5890,

-21.1271, 18.6024.

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

33.5890, -21.1271, 18.6024

Protanopia

33.3638, -4.3441, 19.0421

Deuteranopia

33.2212, 1.9501, 17.9370



Tritanopia

33.6524, -7.3651, -3.8995

Trichromacy



Original Color

33.5890, -21.1271, 18.6024

Protanomaly

33.0532, -11.1170, 18.6225

Deuteranomaly

32.8100, -7.6354, 17.8641

Tritanomaly

33.4829, -13.9565, 7.6246

Monochromacy



Original Color

33.5890, -21.1271, 18.6024

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

30.4726, -9.7772, 9.7386

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5890, -21.1271, 18.6024 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(58, 106, 26)` looks like.

```
.text, #text, p{  
    color:rgb(58, 106, 26)  
}
```

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(58, 106, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 106, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5890, -21.1271, 18.6024 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(58, 106, 26) }
```


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

```
.border{ border-color:rgb(58, 106, 26) }
```

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

Here you see how a box with a 4 pixel rgb(58, 106, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 106, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 106, 26);  
box-shadow:4px 4px 4px 4px rgb(58, 106,  
26) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.5890, -21.1271, 18.6024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 106, 26) }
```

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

```
.background{ background-color: rgb(58, 106,  
26) }
```

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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