

Converting Colors

HunterLab(33.3613, -20.5417,
15.4243)

Have a look what the booklet for
HunterLab(33.3613, -20.5417,
15.4243) contains.

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Color

**HunterLab(33.2645,
-20.4740, 15.3456)**

Conversions

Conversions Part 1

Format	Color
Hex	35692F
RGB	53, 105, 47
RGB Percent	21%, 41%, 18%
CMY	0.7922, 0.5882, 0.8157
CMYK	0.50, 0.00, 0.55, 0.59
HSL	114°, 38%, 30%
HSV	114°, 55%, 41%
XYZ	7.0329, 11.0653, 4.4545
YIQ	82.8400, -12.3740, -29.0620

Conversions

Conversions Part 2

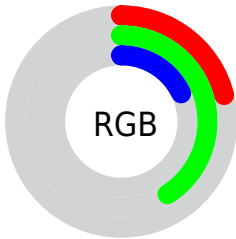
Format	Color
RYB	47, 105, 99
Decimal	3500335
CIELab	39.69, -30.13, 27.10
CIELCh	40, 40.530, 138.031
Yxy	11.0657, 0.3118, 0.4906
Android (android.graphics.Color)	4281690415 (0xFF35692F)
YUV	82.8400, -17.6691, -26.1697
Hunter-Lab	33.2645, -20.4740, 15.3456

Details

The HunterLab color $33.2645, -20.4740, 15.3456$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $23.8872, 23.3025, -18.0464$, and the grayscale version is $29.4188, -1.5697, 1.5984$.

A 20% lighter version of the original color is $52.8046, -25.3700, 19.9376$, and $17.1063, -14.6687, 10.2840$ is the 20% darker color. If you saturate the color by 10%, you get $32.8031, -22.5850, 16.7279$, and if you desaturate by 10%, it is $33.8255, -17.9510, 13.6282$.

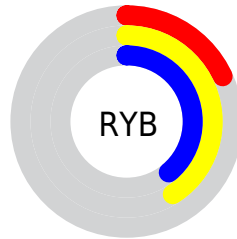
Distribution



Red (21%)

Green (41%)

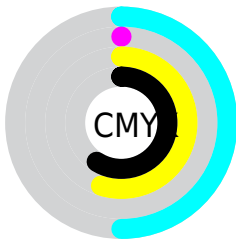
Blue (18%)



Red (18%)

Yellow (41%)

Blue (39%)

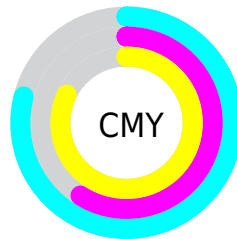


Cyan (50%)

Magenta (0%)

Yellow (55%)

Black (59%)



Cyan (79%)

Magenta (59%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2645, -20.4740, 15.3456 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 33.2645, -20.4740, 15.3456 by changing the saturation by 10% instead.

■ 33.2645, -20.4740,
15.3456

■ 33.2645, -20.4740,
15.3456

140.7544,
-40.2719, 34.0155

■ 24.7206, -17.7767,
12.8003

■ 52.7083, -25.3756,
19.9715

■ 17.0667, -14.8114,
10.2839

■ 63.4915, -27.6634,
22.1286

■ 10.4228, -13.3746,
7.2959

■ 74.9237, -29.8765,
24.2144

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.9701, -32.0313,
26.2449

0.0000, NaN, NaN

■ 99.6007, -34.1399,
28.2321

0.0000, NaN, NaN

■ 112.7896,

0.0000, NaN, NaN

-36.2117, 30.1850

0.0000, NaN, NaN

126.5142,
-38.2538, 32.1110

■ 33.2645, -20.4740,
15.3456

■ 33.2645, -20.4740,
15.3456

■ 32.8031, -22.5850,
16.7279

■ 33.8255, -17.9510,
13.6282

■ 32.4364, -24.2756,
17.7757

■ 34.4850, -15.0314,
11.5832

■ 32.1607, -25.5519,
18.5019

■ 35.2434, -11.7412,
9.2263

■ 31.9672, -26.4497,
18.9687

■ 36.0994, -8.1113,
6.5787

■ 31.8964, -26.7856,
19.1855

■ 37.0506, -4.1762,
3.6652

■ 38.0940, 0.0282,
0.5126

■ 39.2260, 4.4666,
-2.8518

■ 40.4425, 9.1050,
-6.4015

■ 41.7395, 13.9124,
-10.1115

Harmonies

Analogous

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



33.2652, -10.1707, 18.6788



33.2645, -20.4740, 15.3456



33.2652, -25.3772, 6.9711

Triad

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



33.2652, -20.4746, 15.3458



33.2652, -7.5001, -37.2886



33.2652, 30.0038, 9.1761

Complementary

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



33.2645, -20.4740, 15.3456



23.8872, 23.3025, -18.0464

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.



33.2652, 31.0618, -4.3370



33.2645, -20.4740, 15.3456



33.2652, 7.5421, -35.8149

Square

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



33.2652, -20.4746, 15.3458



33.2652, -18.8164, -25.4170



33.2652, 22.2574, -21.9908



33.2652, 19.5798, 16.3479

Rectangle

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



33.2645, -20.4740, 15.3456



33.2652, -25.6144, -2.2168



33.2652, 22.2574, -21.9908



33.2652, 31.5258, 5.3902

Sweetspot

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



33.2652, -20.4746, 15.3458



48.0359, -11.9849, 9.6331



34.6239, -5.2804, 16.6371



23.1728, -6.1228, 4.8981



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.



33.2652, -20.4746, 15.3458



43.7513, -30.8785, 22.8004



33.3775, -19.3406, 10.1591



18.5968, -2.8813, 2.4262



35.8772, -30.1980, 21.5787



80.8669, -68.6737, 48.6276

Inverse Universe

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



23.8872, 23.3025, -18.0464



29.0816, 38.2446, -30.1999



23.7855, 21.3757, -5.2519



17.7449, 1.0181, -0.5246



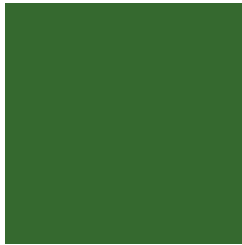
20.7483, 41.7561, -34.8408



46.5998, 93.9241, -79.3488

Previews

White Background



This preview shows how the HunterLab color 33.2645, -20.4740, 15.3456 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 33.2645, -20.4740, 15.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

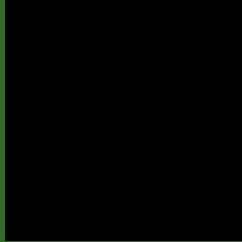
Any Text WCAG AA × Fail

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 33.2645, -20.4740, 15.3456 Background



This preview shows how black text looks on a background with the HunterLab color 33.2645, -20.4740, 15.3456.



This preview shows how white text looks on a background with the HunterLab color 33.2645,

-20.4740, 15.3456.

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

33.2645, -20.4740, 15.3456

Protanopia

32.9950, -3.9455, 16.1554

Deuteranopia

33.1077, 1.9576, 14.8263



Tritanopia

33.3302, -8.5450, -4.3556

Trichromacy



Original Color

33.2645, -20.4740, 15.3456

Protanomaly

32.6535, -10.8118, 15.6050

Deuteranomaly

32.6956, -7.6369, 14.5411

Tritanomaly

33.0988, -13.6047, 4.7622

Monochromacy



Original Color

33.2645, -20.4740, 15.3456

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

30.4993, -9.3678, 7.3654

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2645, -20.4740, 15.3456 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, 105, 47)` looks like.

```
.text, #text, p{  
    color:rgb(53, 105, 47)  
}
```

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, 105, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 105, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2645, -20.4740, 15.3456 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, 105, 47) }
```


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

```
.border{ border-color:rgb(53, 105, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 105, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 105, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 105, 47);  
box-shadow:4px 4px 4px 4px rgb(53, 105,  
47) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.2645, -20.4740, 15.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 105, 47) }
```

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

```
.background{ background-color: rgb(53, 105,  
47) }
```

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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