

Converting Colors

HunterLab(33.9841, -15.7733,
13.6342)

Have a look what the booklet for
HunterLab(33.9841, -15.7733,
13.6342) contains.

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Color

**HunterLab(33.9790,
-15.7952, 13.6763)**

Conversions

Conversions Part 1

Format	Color
Hex	47683A
RGB	71, 104, 58
RGB Percent	28%, 41%, 23%
CMY	0.7216, 0.5921, 0.7725
CMYK	0.32, 0.00, 0.44, 0.59
HSL	103°, 28%, 32%
HSV	103°, 44%, 41%
XYZ	8.3126, 11.5457, 5.7935
YIQ	88.8890, -4.9020, -21.3020

Conversions

Conversions Part 2

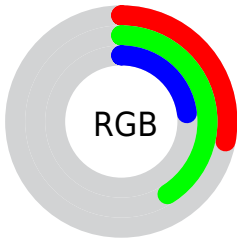
Format	Color
RYB	58, 104, 91
Decimal	4679738
CIELab	40.49, -21.53, 22.16
CIElCh	40, 30.899, 134.168
Yxy	11.5462, 0.3241, 0.4501
Android (android.graphics.Color)	4282869818 (0xFF47683A)
YUV	88.8890, -15.2283, -15.6887
Hunter-Lab	33.9790, -15.7952, 13.6763

Details

The HunterLab color $[33.9790, -15.7952, 13.6763]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[25.0002, 15.7015, -15.3814]$, and the grayscale version is $[31.6221, -1.6873, 1.7181]$.

A 20% lighter version of the original color is $[53.4306, -19.3113, 17.4546]$, and $[17.7543, -11.7758, 9.3465]$ is the 20% darker color. If you saturate the color by 10%, you get $[33.4452, -18.1789, 15.4095]$, and if you desaturate by 10%, it is $[34.5871, -13.1190, 11.5973]$.

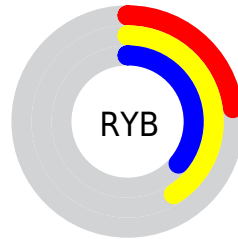
Distribution



Red (28%)

Green (41%)

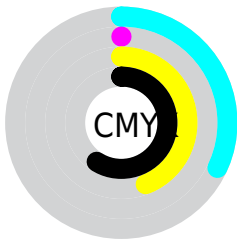
Blue (23%)



Red (23%)

Yellow (41%)

Blue (36%)

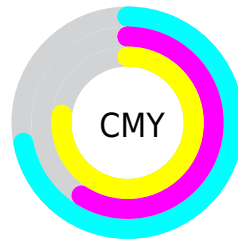


Cyan (32%)

Magenta (0%)

Yellow (44%)

Black (59%)



Cyan (72%)

Magenta (59%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.9790, -15.7952, 13.6763 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 33.9790, -15.7952, 13.6763 by changing the saturation by 10% instead.

■ 33.9790, -15.7952,
13.6763

■ 33.9790, -15.7952,
13.6763

141.9076,
-31.3776, 29.7882

■ 25.3683, -13.7915,
11.5566

■ 53.5405, -19.5190,
17.5771

■ 17.6399, -11.6276,
9.2564

■ 64.3767, -21.2904,
19.4182

■ 10.9101, -9.6401,
7.6371

■ 75.8590, -23.0228,
21.2113

■ 2.3187, -4.0576,
1.6231

■ 87.9528, -24.7264,
22.9685

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.6286,
-26.4085, 24.6987

0.0000, NaN, NaN

■ 113.8609,

0.0000, NaN, NaN

-28.0750, 26.4088

0.0000, NaN, NaN

127.6272,
-29.7302, 28.1039

■ 33.9790, -15.7952,
13.6763

■ 33.9790, -15.7952,
13.6763

■ 33.4452, -18.1789,
15.4095

■ 34.5871, -13.1190,
11.5973

■ 32.9832, -20.2551,
16.7934

■ 35.2669, -10.1650,
9.1808

■ 32.5926, -22.0175,
17.8336

■ 36.0181, -6.9542,
6.4413

■ 32.2713, -23.4657,
18.5448

■ 36.8393, -3.5083,
3.3966

■ 32.0143, -24.6172,
18.9770

■ 37.7285, 0.1498,
0.0671

■ 31.8873, -25.1922,
19.2078

■ 38.6835, 3.9971,
-3.5253

■ 39.7019, 8.0116,
-7.3582

■ 40.7810, 12.1721,
-11.4096

■ 41.9183, 16.4593,
-15.6580

Harmonies

Analogous

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



33.9797, -7.0223, 16.5050



33.9790, -15.7952, 13.6763



33.9797, -20.4581, 7.0670

Triad

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



33.9797, -15.7959, 13.6766



33.9797, -7.5980, -24.9935



33.9797, 22.1927, 6.5737

Complementary

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



33.9790, -15.7952, 13.6763



25.0002, 15.7015, -15.3814

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.



33.9797, 21.9849, -4.3539



33.9790, -15.7952, 13.6763



33.9797, 3.7263, -25.2613

Square

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



33.9797, -15.7959, 13.6766



33.9797, -16.1692, -16.1519



33.9797, 14.8709, -16.7943



33.9797, 15.4059, 13.4187

Rectangle

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



33.9790, -15.7952, 13.6763



33.9797, -21.0520, 0.2966



33.9797, 14.8709, -16.7943



33.9797, 22.9640, 3.3326

Sweetspot

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



33.9797, -15.7959, 13.6766



47.7968, -8.8282, 8.1985



32.7499, -1.6562, 12.9040



23.5203, -4.7353, 4.3752



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.



33.9797, -15.7959, 13.6766



44.2814, -24.1554, 20.4640



33.4928, -17.3727, 10.6618



17.8230, -2.5161, 2.3743



35.3814, -28.0592, 21.3107



80.5596, -65.1069, 48.5007

Inverse Universe

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



25.0002, 15.7015, -15.3814



30.0085, 26.2912, -26.4461



26.0351, 17.8188, -7.7804



16.8883, 0.7203, -0.5763



17.4369, 36.9268, -43.5038



39.2442, 83.5803, -101.5660

Previews

White Background



This preview shows how the HunterLab color 33.9790, -15.7952, 13.6763 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 33.9790, -15.7952, 13.6763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

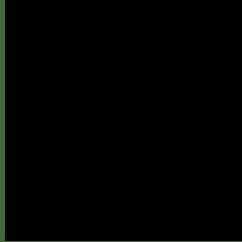
Any Text WCAG AA × Fail

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 33.9790, -15.7952, 13.6763 Background



This preview shows how black text looks on a background with the HunterLab color 33.9790, -15.7952, 13.6763.



This preview shows how white text looks on a background with the HunterLab color 33.9790,

-15.7952, 13.6763.

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

33.9790, -15.7952, 13.6763

Protanopia

33.7688, -3.6420, 14.3983

Deuteranopia

33.8584, 2.1851, 13.1707



Tritanopia

33.8205, -5.3850, -3.1587

Trichromacy



Original Color

33.9790, -15.7952, 13.6763

Protanomaly

33.6098, -8.3891, 13.9633

Deuteranomaly

33.6818, -5.1836, 13.1386

Tritanomaly

33.7226, -9.5716, 3.9953

Monochromacy



Original Color

33.9790, -15.7952, 13.6763

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

32.1703, -7.1513, 6.4142

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.9790, -15.7952, 13.6763 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(71, 104, 58)` looks like.

```
.text, #text, p{  
    color:rgb(71, 104, 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(71, 104, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 104, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 33.9790, -15.7952, 13.6763 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(71, 104, 58) }
```


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

```
.border{ border-color:rgb(71, 104, 58) }
```

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

Here you see how a box with a 4 pixel rgb(71, 104, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 104, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 104, 58);  
box-shadow:4px 4px 4px 4px rgb(71, 104,  
58) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.9790, -15.7952, 13.6763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 104, 58) }
```

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

```
.background{ background-color: rgb(71, 104,  
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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