

Converting Colors

HunterLab(33.6683, -15.0730,
10.2785)

Have a look what the booklet for
HunterLab(33.6683, -15.0730,
10.2785) contains.

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Color

**HunterLab(33.6690,
-15.0737, 10.2791)**

Conversions

Conversions Part 1

Format	Color
Hex	436746
RGB	67, 103, 70
RGB Percent	26%, 40%, 27%
CMY	0.7373, 0.5961, 0.7255
CMYK	0.35, 0.00, 0.32, 0.60
HSL	125°, 21%, 33%
HSV	125°, 35%, 40%
XYZ	8.2705, 11.3360, 7.5465
YIQ	88.4740, -10.8630, -17.8950

Conversions

Conversions Part 2

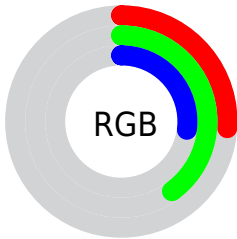
Format	Color
RYB	67, 100, 103
Decimal	4417350
CIELab	40.14, -20.42, 14.64
CIELCh	40, 25.128, 144.361
Yxy	11.3365, 0.3046, 0.4175
Android (android.graphics.Color)	4282607430 (0xFF436746)
YUV	88.4740, -9.1077, -18.8327
Hunter-Lab	33.6690, -15.0737, 10.2791

Details

The HunterLab color **33.6690, -15.0737, 10.2791** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **27.9611, 14.2768, -8.0869**, and the grayscale version is **31.4492, -1.6780, 1.7087**.

A 20% lighter version of the original color is **53.0623, -18.5563, 12.8708**, and **17.4996, -11.1430, 7.2770** is the 20% darker color. If you saturate the color by 10%, you get **33.0064, -18.0052, 12.2040**, and if you desaturate by 10%, it is **34.4417, -11.7482, 8.1372**.

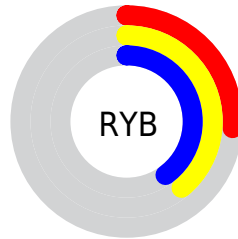
Distribution



Red (26%)

Green (40%)

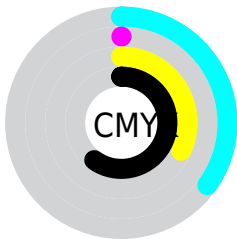
Blue (27%)



Red (26%)

Yellow (39%)

Blue (40%)

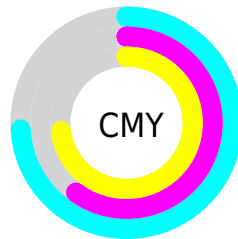


Cyan (35%)

Magenta (0%)

Yellow (32%)

Black (60%)



Cyan (74%)

Magenta (60%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.6690, -15.0737, 10.2791 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 33.6690, -15.0737, 10.2791 by changing the saturation by 10% instead.

■ 33.6690, -15.0737,
10.2791

■ 33.6690, -15.0737,
10.2791

141.4078,
-30.1378, 22.7041

■ 25.0871, -13.1508,
8.7628

■ 53.1796, -18.6564,
13.1480

■ 17.3909, -11.0778,
7.1467

■ 63.9929, -20.3648,
14.5362

■ 10.6982, -9.2347,
6.3868

■ 75.4535, -22.0381,
15.9081

■ 1.2517, -2.1905,
0.8762

■ 87.5268, -23.6858,
17.2703

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.1831,
-25.3148, 18.6279

0.0000, NaN, NaN

113.3966,

0.0000, NaN, NaN

-26.9306, 19.9843

0.0000, NaN, NaN

127.1449,
-28.5371, 21.3423

■ 33.6690, -15.0737,
10.2791

■ 33.6690, -15.0737,
10.2791

■ 33.0064, -18.0052,
12.2040

■ 34.4417, -11.7482,
8.1372

■ 32.4518, -20.5126,
13.8905

■ 35.3208, -8.0621,
5.8010

■ 32.0042, -22.5783,
15.3237

■ 36.3045, -4.0554,
3.2961

■ 31.6599, -24.1967,
16.4947

■ 37.3892, 0.2311,
0.6478

■ 31.4130, -25.3775,
17.4029

■ 38.5708, 4.7573,
-2.1194

■ 31.2482, -26.1770,
18.0516

■ 39.8445, 9.4852,
-4.9831

■ 31.1765, -26.5185,
18.2778

■ 41.2056, 14.3803,
-7.9232

■ 42.6490, 19.4118,
-10.9223

■ 44.1699, 24.5531,
-13.9654

Harmonies

Analogous

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



33.6697, -8.8286, 13.8941



33.6690, -15.0737, 10.2791



33.6697, -17.7403, 3.4539

Triad

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



33.6697, -15.0743, 10.2794



33.6697, -3.5290, -19.7400



33.6697, 15.9940, 8.0943

Complementary

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



33.6690, -15.0737, 10.2791



27.9611, 14.2768, -8.0869

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.



33.6697, 17.8035, 0.1267



33.6690, -15.0737, 10.2791



33.6697, 5.8608, -17.5221

Square

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



33.6697, -15.0743, 10.2794



33.6697, -11.5523, -15.0313



33.6697, 13.9186, -9.5979



33.6697, 9.2103, 12.8918

Rectangle

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



33.6690, -15.0737, 10.2791



33.6697, -17.3613, -2.6421



33.6697, 13.9186, -9.5979



33.6697, 17.2329, 5.7669

Sweetspot

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



33.6697, -15.0743, 10.2794



47.8591, -8.3403, 6.2269



35.7990, -7.2049, 13.1381



23.5729, -4.3916, 3.2459



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.



33.6697, -15.0743, 10.2794



44.3083, -23.4579, 15.9094



34.0571, -12.8129, 4.6880



17.7370, -2.8048, 2.1274



34.9650, -29.7685, 20.5584



79.8150, -68.2125, 47.4893

Inverse Universe

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



27.9611, 14.2768, -8.0869



35.0575, 24.3176, -13.9393



27.3995, 11.4914, -0.1897



16.9861, 1.0282, -0.2767



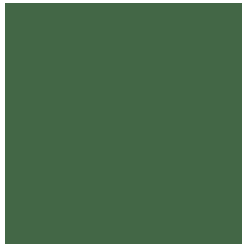
21.5678, 41.6821, -22.8584



49.1922, 94.9706, -51.3704

Previews

White Background



This preview shows how the HunterLab color 33.6690, -15.0737, 10.2791 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 33.6690, -15.0737, 10.2791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

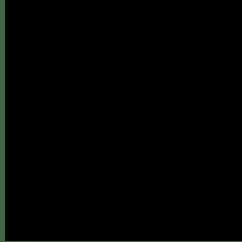
Any Text WCAG AA × Fail

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 33.6690, -15.0737, 10.2791 Background



This preview shows how black text looks on a background with the HunterLab color 33.6690, -15.0737, 10.2791.



This preview shows how white text looks on a background with the HunterLab color 33.6690,

-15.0737, 10.2791.

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

33.6690, -15.0737, 10.2791

Protanopia

33.5015, -2.8660, 11.4715

Deuteranopia

33.4259, 2.4592, 9.4592



Tritanopia

33.5139, -6.4891, -3.5856

Trichromacy



Original Color

33.6690, -15.0737, 10.2791

Protanomaly

33.2844, -7.7956, 10.9141

Deuteranomaly

33.2944, -4.7534, 9.5149

Tritanomaly

33.5324, -10.0730, 2.1755

Monochromacy



Original Color

33.6690, -15.0737, 10.2791

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

31.8249, -6.8531, 4.9877

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.6690, -15.0737, 10.2791 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(67, 103, 70)` looks like.

```
.text, #text, p{  
    color:rgb(67, 103, 70)  
}
```

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(67, 103, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 103, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 33.6690, -15.0737, 10.2791 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(67, 103, 70) }
```


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

```
.border{ border-color:rgb(67, 103, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 103, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 103, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 103, 70);  
box-shadow:4px 4px 4px 4px rgb(67, 103,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.6690, -15.0737, 10.2791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 103, 70) }
```

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

```
.background{ background-color: rgb(67, 103,  
70) }
```

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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