

Converting Colors

HunterLab(36.6793, -18.3192,
21.7575)

Have a look what the booklet for
HunterLab(36.6793, -18.3192,
21.7575) contains.

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Color

**HunterLab(36.6763,
-18.3282, 21.7671)**

Conversions

Conversions Part 1	
Format	Color
Hex	53700B
RGB	83, 112, 11
RGB Percent	33%, 44%, 4%
CMY	0.6745, 0.5608, 0.9568
CMYK	0.26, 0.00, 0.90, 0.56
HSL	77°, 82%, 24%
HSV	77°, 90%, 44%
XYZ	9.4219, 13.4515, 2.4164
YIQ	91.8150, 15.1370, -37.5590

Conversions

Conversions Part 2

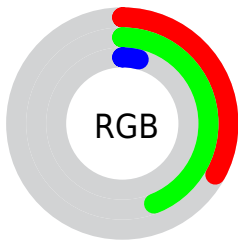
Format	Color
RYB	11, 112, 40
Decimal	5468171
CIELab	43.44, -24.79, 46.27
CIELCh	43, 52.492, 118.178
Yxy	13.4521, 0.3726, 0.5319
Android (android.graphics.Color)	4283658251 (0xFF53700B)
YUV	91.8150, -39.8418, -7.7308
Hunter-Lab	36.6763, -18.3282, 21.7671

Details

The HunterLab color **36.6763, -18.3282, 21.7671** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **13.6407, 27.4245, -57.7476**, and the grayscale version is **32.7856, -1.7494, 1.7813**.

A 20% lighter version of the original color is **56.7366, -22.3919, 29.0196**, and **19.9753, -12.9688, 12.0816** is the 20% darker color. If you saturate the color by 10%, you get **36.4519, -19.2824, 22.1239**, and if you desaturate by 10%, it is **36.9275, -17.2568, 21.2169**.

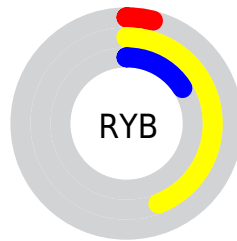
Distribution



Red (33%)

Green (44%)

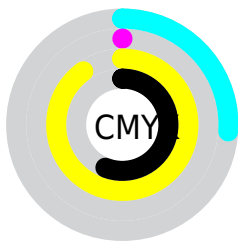
Blue (4%)



Red (4%)

Yellow (44%)

Blue (16%)

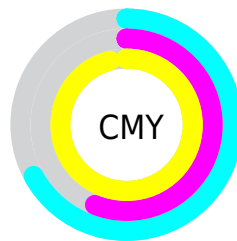


Cyan (26%)

Magenta (0%)

Yellow (90%)

Black (56%)



Cyan (67%)


Magenta (56%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 36.6763, -18.3282, 21.7671 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 36.6763, -18.3282, 21.7671 by changing the saturation by 10% instead.


 36.6763, -18.3282,
21.7671


 36.6763, -18.3282,
21.7671


146.2174,
-35.3602, 50.2284


 27.8219, -16.1162,
17.7801


 56.6689, -22.4317,
29.0471


 19.8228, -13.7298,
13.8759

 67.6997, -24.3773,
32.4035

 12.7834, -11.0780,
8.9484


 79.3658, -26.2752,
35.6155

 6.1682, -10.7943,
4.3177

 91.6342, -28.1367,
38.7082

0.0000, NaN, NaN

0.0000, NaN, NaN

 104.4768,
-29.9702, 41.7015


0.0000, NaN, NaN


 117.8689,


0.0000, NaN, NaN


-31.7821, 44.6112


0.0000, NaN, NaN


 131.7889,
-33.5774, 47.4500


 36.6763, -18.3282,
21.7671


 36.6763, -18.3282,
21.7671


 36.4519, -19.2824,
22.1239

 36.9275, -17.2568,
21.2169

 37.2107, -16.0157,
20.3082

 37.5290, -14.5961,
19.0100

 37.8841, -12.9921,
17.2999

 38.2773, -11.2010,
15.1632

■ 38.7094, -9.2226,
12.5915

■ 39.1811, -7.0590,
9.5816

■ 39.6926, -4.7140,
6.1353

■ 40.2440, -2.1932,
2.2582

Harmonies

Analogous

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



36.6771, -0.7346, 22.9218



36.6763, -18.3282, 21.7671



36.6771, -29.1288, 16.4665

Triad

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



36.6771, -18.3292, 21.7673



36.6771, -20.0267, -44.3272



36.6771, 44.6338, 0.8203

Complementary

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



36.6763, -18.3282, 21.7671



13.6407, 27.4245, -57.7476

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.



36.6771, 36.5268, -22.8374



36.6763, -18.3282, 21.7671



36.6771, -3.1675, -56.1662

Square

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



36.6771, -18.3292, 21.7673



36.6771, -29.9520, -19.6756



36.6771, 17.9061, -46.7379



36.6771, 38.2129, 15.3569

Rectangle

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



36.6763, -18.3282, 21.7671



36.6771, -32.3904, 8.6960



36.6771, 17.9061, -46.7379



36.6771, 43.4883, -6.2678

Sweetspot

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



36.6771, -18.3292, 21.7673



51.4545, -11.5390, 15.7588



22.2740, 21.0360, 13.2502



25.1444, -6.0039, 8.1968



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



36.6771, -18.3292, 21.7673



48.2470, -25.8185, 29.2776



34.5465, -26.9821, 20.2714



19.6735, -2.1911, 2.8222



39.1772, -20.7917, 23.7768



87.1798, -47.4367, 52.8893

Inverse Universe

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



13.6407, 27.4245, -57.7476



15.9434, 40.1934, -89.6182



18.9448, 35.3701, -35.6841



18.2827, 0.2173, -0.9052



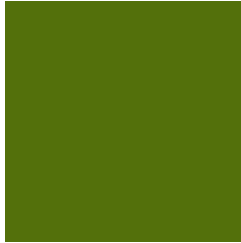
13.0370, 32.6997, -71.9890



28.4214, 72.3759, -165.3792

Previews

White Background



This preview shows how the HunterLab color 36.6763, -18.3282, 21.7671 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 36.6763, -18.3282, 21.7671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

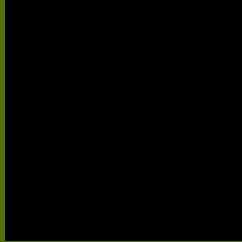
Any Text WCAG AA × Fail

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 36.6763, -18.3282, 21.7671 Background



This preview shows how black text looks on a background with the HunterLab color 36.6763, -18.3282, 21.7671.



This preview shows how white text looks on a background with the HunterLab color 36.6763, -18.3282, 21.7671.

-18.3282, 21.7671.

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

36.6763, -18.3282, 21.7671

Protanopia

36.6454, -5.2338, 22.1639

Deuteranopia





36.4395, 2.2758, 21.1748





Tritanopia

36.6028, -3.6370, -2.3398

Trichromacy

	Original Color 36.6763, -18.3282, 21.7671
	Protanomaly 36.4262, -10.2990, 21.8914
	Deuteranomaly 36.0479, -5.8862, 21.0962
	Tritanomaly 36.2591, -11.0368, 11.2648

Monochromacy

	Original Color 36.6763, -18.3282, 21.7671
	Achromatopsia 32.7144, -1.7456, 1.7774
	Achromatomaly 33.7734, -9.0054, 12.3978

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.6763, -18.3282, 21.7671 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(83, 112, 11)` looks like.

```
.text, #text, p{  
    color:rgb(83, 112, 11)  
}
```

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(83, 112, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 112, 11) }
```

Border

The CSS property to change the border of an element to HunterLab 36.6763, -18.3282, 21.7671 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(83, 112, 11) }
```


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

```
.border{ border-color:rgb(83, 112, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 112, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 112, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 112, 11);  
box-shadow:4px 4px 4px 4px rgb(83, 112,  
11) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.6763, -18.3282, 21.7671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 112, 11) }
```

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

```
.background{ background-color: rgb(83, 112,  
11) }
```

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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