

Converting Colors

HunterLab(36.6885, -24.8105,
17.8105)

Have a look what the booklet for
HunterLab(36.6885, -24.8105,
17.8105) contains.

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Color

**HunterLab(36.5363,
-24.7314, 17.7164)**

Conversions

Conversions Part 1

Format	Color
Hex	31742F
RGB	49, 116, 47
RGB Percent	19%, 45%, 18%
CMY	0.8078, 0.5451, 0.8157
CMYK	0.58, 0.00, 0.59, 0.55
HSL	118°, 42%, 32%
HSV	118°, 59%, 45%
XYZ	8.0251, 13.3490, 4.8430
YIQ	88.1010, -17.7830, -35.6630

Conversions

Conversions Part 2

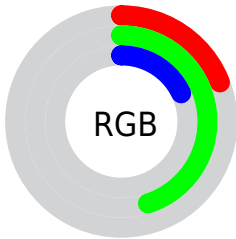
Format	Color
R_{YB}	47, 116, 114
Decimal	3241007
CIE _{Lab}	43.29, -36.19, 31.35
CIE _{LCh}	43, 47.879, 139.093
Yxy	13.3496, 0.3061, 0.5092
Android (android.graphics.Color)	4281431087 (0xFF31742F)
YUV	88.1010, -20.2628, -34.2916
Hunter-Lab	36.5363, -24.7314, 17.7164

Details

The HunterLab color $[36.5363, -24.7314, 17.7164]$ is a dark color, and the websafe version is hex 006633 . A complement of this color would be $[26.2142, 29.7697, -20.6983]$, and the grayscale version is $[31.3536, -1.6729, 1.7035]$.

A 20% lighter version of the original color is $[56.5923, -30.4877, 22.9957]$, and $[20.0357, -17.1806, 12.0452]$ is the 20% darker color. If you saturate the color by 10%, you get $[36.0862, -26.8206, 19.1024]$, and if you desaturate by 10%, it is $[37.1105, -22.1141, 15.9557]$.

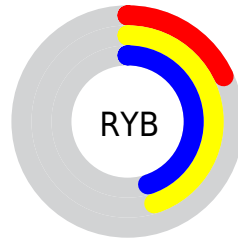
Distribution



Red (19%)

Green (45%)

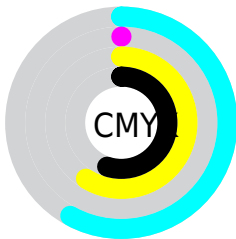
Blue (18%)



Red (18%)

Yellow (45%)

Blue (45%)

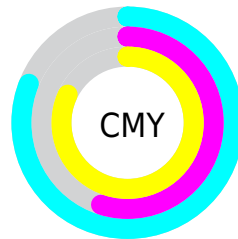


Cyan (58%)

Magenta (0%)

Yellow (59%)

Black (55%)



Cyan (81%)

Magenta (55%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.5363, -24.7314, 17.7164 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 36.5363, -24.7314, 17.7164 by changing the saturation by 10% instead.

■ 36.5363, -24.7314,
17.7164

■ 36.5363, -24.7314,
17.7164

145.9952,
-47.2790, 38.3637

■ 27.6942, -21.6316,
14.8934

■ 56.5070, -30.3604,
22.8591

■ 19.7087, -18.2344,
11.9464

■ 67.5279, -32.9799,
25.2550

■ 12.6849, -14.9577,
8.8794

■ 79.1846, -35.5072,
27.5678

■ 6.0308, -10.5539,
4.2216

■ 91.4441, -37.9611,
29.8146

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.2782,
-40.3556, 32.0085

0.0000, NaN, NaN

■ 117.6622,

0.0000, NaN, NaN

-42.7013, 34.1596

0.0000, NaN, NaN

131.5743,
-45.0069, 36.2758

■ 36.5363, -24.7314,
17.7164

■ 36.5363, -24.7314,
17.7164

■ 36.0862, -26.8206,
19.1024

■ 37.1105, -22.1141,
15.9557

■ 35.7524, -28.3837,
20.1184

■ 37.8098, -18.9804,
13.8271

■ 35.5270, -29.4454,
20.7848

■ 38.6357, -15.3583,
11.3485

■ 35.3809, -30.1410,
21.2450

■ 39.5873, -11.2857,
8.5454

■ 35.3738, -30.1755,
21.2689

■ 40.6621, -6.8074,
5.4483

■ 41.8565, -1.9714,
2.0909

■ 43.1657, 3.1737,
-1.4931

■ 44.5846, 8.5811,
-5.2706

■ 46.1073, 14.2077,
-9.2109

Harmonies

Analogous

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



36.5371, -12.6645, 21.4920



36.5363, -24.7314, 17.7164



36.5371, -30.2565, 7.7209

Triad

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



36.5371, -24.7320, 17.7166



36.5371, -8.3133, -47.8222



36.5371, 37.1486, 11.2544

Complementary

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



36.5363, -24.7314, 17.7164



26.2142, 29.7697, -20.6983

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.



36.5371, 38.9426, -4.8550



36.5363, -24.7314, 17.7164



36.5371, 10.1585, -45.2429

Square

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



36.5371, -24.7320, 17.7166



36.5371, -22.0829, -32.9759



36.5371, 28.2868, -27.0538



36.5371, 23.7787, 19.2175

Rectangle

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



36.5363, -24.7314, 17.7164



36.5371, -30.3839, -3.6467



36.5371, 28.2868, -27.0538



36.5371, 39.2114, 6.8488

Sweetspot

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



36.5371, -24.7320, 17.7166



52.6236, -14.3770, 10.9253



39.8573, -8.3963, 20.4121



25.5468, -7.6822, 5.7916



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



36.5371, -24.7320, 17.7166



47.6796, -36.3221, 25.8261



36.9637, -22.0136, 10.4645



20.2554, -3.2855, 2.6404



37.4705, -31.9740, 22.5294



82.6776, -70.7508, 49.7069

Inverse Universe

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



26.2142, 29.7697, -20.6983



31.9789, 47.4392, -33.3138



25.2653, 25.1069, -3.5798



19.3721, 1.2665, -0.5593



23.0797, 45.6558, -32.6134



50.8826, 100.6901, -72.1742

Previews

White Background



This preview shows how the HunterLab color 36.5363, -24.7314, 17.7164 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 36.5363, -24.7314, 17.7164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

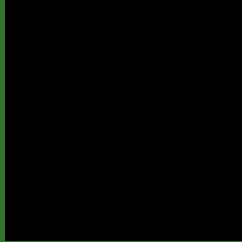
Any Text WCAG AA × Fail

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 36.5363, -24.7314, 17.7164 Background



This preview shows how black text looks on a background with the HunterLab color 36.5363, -24.7314, 17.7164.



This preview shows how white text looks on a background with the HunterLab color 36.5363,

-24.7314, 17.7164.

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

36.5363, -24.7314, 17.7164

Protanopia

36.3151, -4.5802, 18.5656

Deuteranopia

36.2730, 2.2276, 17.0799



Tritanopia

36.5638, -10.6832, -5.4492

Trichromacy



Original Color

36.5363, -24.7314, 17.7164

Protanomaly

35.8760, -13.3828, 17.9343

Deuteranomaly

35.5982, -9.8683, 16.7367

Tritanomaly

36.4566, -17.1401, 5.6975

Monochromacy



Original Color

36.5363, -24.7314, 17.7164

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

32.6684, -11.3032, 8.4923

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.5363, -24.7314, 17.7164 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(49, 116, 47)` looks like.

```
.text, #text, p{  
    color:rgb(49, 116, 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(49, 116, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 116, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 36.5363, -24.7314, 17.7164 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(49, 116, 47) }
```


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

```
.border{ border-color:rgb(49, 116, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 116, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 116, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 116, 47);  
box-shadow:4px 4px 4px 4px rgb(49, 116,  
47) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.5363, -24.7314, 17.7164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 116, 47) }
```

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

```
.background{ background-color: rgb(49, 116,  
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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