

Converting Colors

HunterLab(33.7351, -13.2846,
9.0148)

Have a look what the booklet for
HunterLab(33.7351, -13.2846,
9.0148) contains.

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Color

**HunterLab(33.6701,
-13.4048, 9.1045)**

Conversions

Conversions Part 1

Format	Color
Hex	47664A
RGB	71, 102, 74
RGB Percent	28%, 40%, 29%
CMY	0.7216, 0.6000, 0.7098
CMYK	0.30, 0.00, 0.27, 0.60
HSL	126°, 18%, 34%
HSV	126°, 30%, 40%
XYZ	8.5859, 11.3368, 8.2143
YIQ	89.5390, -9.4880, -15.2800

Conversions

Conversions Part 2

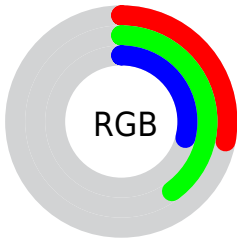
Format	Color
R_{YB}	71, 99, 102
Decimal	4679242
CIE Lab	40.14, -17.65, 12.29
CIE LCh	40, 21.503, 145.145
Yxy	11.3372, 0.3051, 0.4029
Android (android.graphics.Color)	4282869322 (0xFF47664A)
YUV	89.5390, -7.6607, -16.2587
Hunter-Lab	33.6701, -13.4048, 9.1045

Details

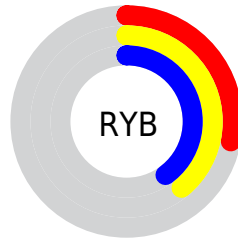
The HunterLab color $33.6701, -13.4048, 9.1045$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $28.6921, 11.9093, -6.5054$, and the grayscale version is $31.8358, -1.6987, 1.7297$.

A 20% lighter version of the original color is $53.1089, -16.6049, 11.5150$, and $17.4149, -9.9617, 6.3748$ is the 20% darker color. If you saturate the color by 10%, you get $32.9669, -16.4778, 11.0892$, and if you desaturate by 10%, it is $34.4808, -9.9619, 6.9261$.

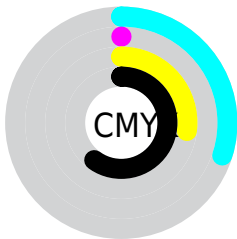
Distribution



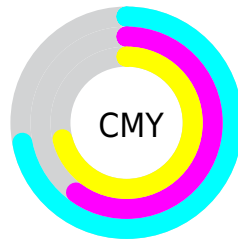
- Red (28%)
- Green (40%)
- Blue (29%)



- Red (28%)
- Yellow (39%)
- Blue (40%)



- Cyan (30%)
- Magenta (0%)
- Yellow (27%)
- Black (60%)



- Cyan (72%)
- Magenta (60%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.6701, -13.4048, 9.1045 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 33.6701, -13.4048, 9.1045 by changing the saturation by 10% instead.

■ 33.6701, -13.4048,
9.1045

■ 33.6701, -13.4048,
9.1045

141.4096,
-27.1545, 20.4131

■ 25.0881, -11.6933,
7.7712

■ 53.1809, -16.6246,
11.6615

■ 17.3918, -9.8624,
6.3652

■ 63.9943, -18.1728,
12.9129

■ 10.6989, -8.1038,
5.4750

■ 75.4550, -19.6962,
14.1574

■ 1.2571, -2.2000,
0.8800

■ 87.5283, -21.2027,
15.4001

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.1846,
-22.6980, 16.6446

0.0000, NaN, NaN

113.3983,

0.0000, NaN, NaN

-24.1862, 17.8937

0.0000, NaN, NaN

127.1466,
-25.6709, 19.1494

■ 33.6701, -13.4048,
9.1045

■ 33.6701, -13.4048,
9.1045

■ 32.9669, -16.4778,
11.0892

■ 34.4808, -9.9619,
6.9261

■ 32.3698, -19.1479,
12.8574

■ 35.3949, -6.1839,
4.5767

■ 31.8787, -21.3930,
14.3918

■ 36.4101, -2.1106,
2.0812

■ 31.4908, -23.2013,
15.6799

■ 37.5225, 2.2183,
-0.5363

■ 31.2017, -24.5747,
16.7161

■ 38.7280, 6.7643,
-3.2535

■ 31.0040, -25.5312,
17.5030

■ 40.0218, 11.4919,
-6.0499

■ 30.8623, -26.2142,
18.0137

■ 41.3991, 16.3690,
-8.9076

■ 42.8552, 21.3674,
-11.8112

■ 44.3852, 26.4629,
-14.7479

Harmonies

Analogous

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



33.6708, -8.0277, 12.4857



33.6701, -13.4048, 9.1045



33.6708, -15.6678, 3.0358

Triad

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



33.6708, -13.4054, 9.1049



33.6708, -3.0774, -16.0316



33.6708, 13.1248, 7.4253

Complementary

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



33.6701, -13.4048, 9.1045



28.6921, 11.9093, -6.5054

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.



33.6708, 14.7578, 0.5837



33.6701, -13.4048, 9.1045



33.6708, 4.9196, -14.0938

Square

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



33.6708, -13.4054, 9.1049



33.6708, -10.0666, -12.3529



33.6708, 11.6309, -7.5412



33.6708, 7.3536, 11.6847

Rectangle

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



33.6701, -13.4048, 9.1045



33.6708, -15.2726, -2.1758



33.6708, 11.6309, -7.5412



33.6708, 14.1973, 5.4021

Sweetspot

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



33.6708, -13.4054, 9.1049



47.0184, -7.5957, 5.6949



35.5449, -6.5599, 11.8441



22.7702, -3.9610, 2.9336



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



33.6708, -13.4054, 9.1049



43.9546, -20.5116, 13.8327



34.0081, -11.4518, 4.2452



17.7385, -2.7962, 2.1054



34.9699, -29.7375, 20.4854



79.8228, -68.1634, 47.3735

Inverse Universe

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



28.6921, 11.9093, -6.5054



36.0384, 19.8599, -11.0325



28.2317, 9.5855, -0.0154



16.9843, 1.0187, -0.2516



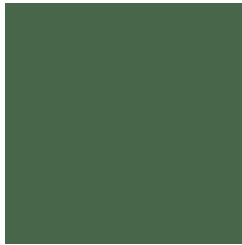
21.4946, 41.4264, -21.8948



49.0160, 94.3545, -49.0470

Previews

White Background



This preview shows how the HunterLab color 33.6701, -13.4048, 9.1045 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 33.6701, -13.4048, 9.1045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

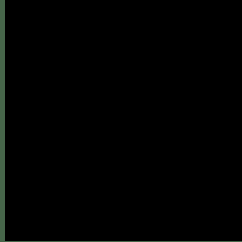
Any Text WCAG AA × Fail

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 33.6701, -13.4048, 9.1045 Background



This preview shows how black text looks on a background with the HunterLab color 33.6701, -13.4048, 9.1045.



This preview shows how white text looks on a background with the HunterLab color 33.6701,

-13.4048, 9.1045.

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

33.6701, -13.4048, 9.1045

Protanopia

33.4878, -2.7685, 10.3277

Deuteranopia

33.6437, 2.0107, 8.7166



Tritanopia

33.6953, -5.8344, -3.3324

Trichromacy



Original Color

33.6701, -13.4048, 9.1045

Protanomaly

33.4335, -7.1026, 9.9057

Deuteranomaly

33.4353, -4.1318, 8.7264

Tritanomaly

33.5077, -8.6495, 1.7581

Monochromacy



Original Color

33.6701, -13.4048, 9.1045

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

32.3798, -6.1120, 4.4871

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.6701, -13.4048, 9.1045 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, 102, 74)` looks like.

```
.text, #text, p{  
    color:rgb(71, 102, 74)  
}
```

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, 102, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 102, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 33.6701, -13.4048, 9.1045 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, 102, 74) }
```


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

```
.border{ border-color:rgb(71, 102, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 102, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 102, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 102, 74);  
box-shadow:4px 4px 4px 4px rgb(71, 102,  
74) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.6701, -13.4048, 9.1045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 102, 74) }
```

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

```
.background{ background-color: rgb(71, 102,  
74) }
```

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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