

Converting Colors

HunterLab(36.5695, -13.4446,
4.3857)

Have a look what the booklet for
HunterLab(36.5695, -13.4446,
4.3857) contains.

HunterLab(36.5706, -13.4331, 4.3582)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(36.5706,
-13.4331, 4.3582)**

Conversions

Conversions Part 1

Format	Color
Hex	486E60
RGB	72, 110, 96
RGB Percent	28%, 43%, 38%
CMY	0.7176, 0.5686, 0.6235
CMYK	0.35, 0.00, 0.13, 0.57
HSL	158°, 21%, 36%
HSV	158°, 35%, 43%
XYZ	10.3597, 13.3741, 13.1018
YIQ	97.0420, -18.1540, -12.4100

Conversions

Conversions Part 2

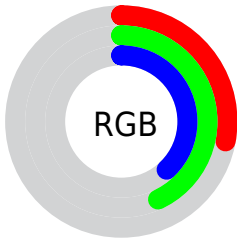
Format	Color
R_{YB}	72, 95, 110
Decimal	4746848
CIE _{Lab}	43.32, -16.86, 3.54
CIE _{LCh}	43, 17.225, 168.138
Yxy	13.3746, 0.2812, 0.3631
Android (android.graphics.Color)	4282936928 (0xFF486E60)
YUV	97.0420, -0.5137, -21.9618
Hunter-Lab	36.5706, -13.4331, 4.3582

Details

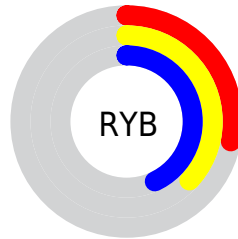
The HunterLab color $36.5706, -13.4331, 4.3582$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $29.3631, 12.0065, 0.5254$, and the grayscale version is $34.5974, -1.8460, 1.8797$.

A 20% lighter version of the original color is $56.6159, -16.6797, 6.1158$, and $19.7033, -10.0273, 2.8851$ is the 20% darker color. If you saturate the color by 10%, you get $35.9392, -16.0565, 5.1803$, and if you desaturate by 10%, it is $37.2995, -10.4964, 3.6136$.

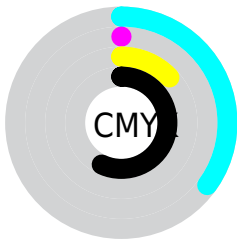
Distribution



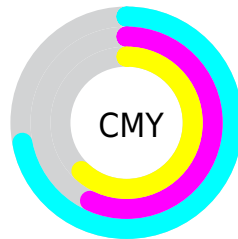
- Red (28%)
- Green (43%)
- Blue (38%)



- Red (28%)
- Yellow (37%)
- Blue (43%)



- Cyan (35%)
- Magenta (0%)
- Yellow (13%)
- Black (57%)



- Cyan (72%)
- Magenta (57%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.5706, -13.4331, 4.3582 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 36.5706, -13.4331, 4.3582 by changing the saturation by 10% instead.

■ 36.5706, -13.4331,
4.3582

■ 36.5706, -13.4331,
4.3582

146.0496,
-26.7646, 11.7867

■ 27.7255, -11.8066,
3.6531

■ 56.5466, -16.5223,
5.8405

■ 19.7366, -10.0844,
2.9681

■ 67.5699, -18.0174,
6.6180

■ 12.7090, -8.2068,
2.2977

■ 79.2289, -19.4933,
7.4201

■ 6.0647, -10.6133,
2.7501

■ 91.4906, -20.9566,
8.2464

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.3268,
-22.4121, 9.0967

0.0000, NaN, NaN

117.7128,

0.0000, NaN, NaN

-23.8634, 9.9704

0.0000, NaN, NaN

131.6268,
-25.3135, 10.8672

■ 36.5706, -13.4331,
4.3582

■ 36.5706, -13.4331,
4.3582

■ 35.9392, -16.0565,
5.1803

■ 37.2995, -10.4964,
3.6136

■ 35.4024, -18.3472,
6.0696

■ 38.1231, -7.2679,
2.9515

■ 34.9590, -20.2949,
7.0161

■ 39.0408, -3.7748,
2.3770

■ 34.6053, -21.8976,
8.0071

■ 40.0500, -0.0454,
1.8925

■ 34.3361, -23.1640,
9.0284

■ 41.1481, 3.8914,
1.4986

■ 34.1391, -24.1333,
10.0601

■ 42.3316, 8.0078,
1.1946

■ 34.0410, -24.6222,
10.6040

■ 43.5968, 12.2772,
0.9784

■ 44.9399, 16.6755,
0.8467

■ 46.3569, 21.1809,
0.7960

Harmonies

Analogous

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



36.5713, -10.8314, 9.0898



36.5706, -13.4331, 4.3582



36.5713, -13.1230, -1.9208

Triad

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



36.5713, -13.4336, 4.3587



36.5713, 2.0327, -11.2559



36.5713, 6.7964, 9.8067

Complementary

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



36.5706, -13.4331, 4.3582



29.3631, 12.0065, 0.5254

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.



36.5713, 10.7420, 5.5128



36.5706, -13.4331, 4.3582



36.5713, 7.8618, -6.8977

Square

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



36.5713, -13.4336, 4.3587



36.5713, -4.4953, -11.7126



36.5713, 11.1450, -0.5471



36.5713, 0.6600, 11.8460

Rectangle

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



36.5706, -13.4331, 4.3582



36.5713, -11.3025, -6.1685



36.5713, 11.1450, -0.5471



36.5713, 8.4409, 8.6175

Sweetspot

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



36.5713, -13.4336, 4.3587



51.0257, -7.6912, 3.5710



36.9131, -13.1647, 12.6674



24.5542, -3.9409, 1.7617



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



36.5713, -13.4336, 4.3587



47.8200, -20.4654, 6.5890



35.6693, -9.3914, -2.7069



19.4816, -2.7082, 1.3232



37.3020, -27.0335, 11.7332



83.1525, -60.9666, 27.6761

Inverse Universe

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



29.3631, 12.0065, 0.5254



36.3849, 20.0963, 0.6307



30.0200, 8.2032, 6.5328



18.4931, 0.7501, 0.7805



20.4093, 35.8483, 6.2360



45.3823, 79.3880, 16.3837

Previews

White Background



This preview shows how the HunterLab color 36.5706, -13.4331, 4.3582 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 36.5706, -13.4331, 4.3582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

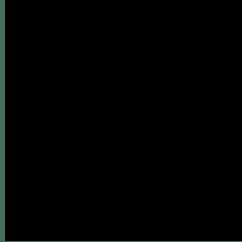
Any Text WCAG AA × Fail

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 36.5706, -13.4331, 4.3582 Background



This preview shows how black text looks on a background with the HunterLab color 36.5706, -13.4331, 4.3582.



This preview shows how white text looks on a background with the HunterLab color 36.5706,

-13.4331, 4.3582.

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

36.5706, -13.4331, 4.3582

Protanopia

36.5234, -2.2045, 6.0303

Deuteranopia

36.4914, 2.0611, 3.7473



Tritanopia

36.4868, -8.1271, -4.5087

Trichromacy



Original Color

36.5706, -13.4331, 4.3582

Protanomaly

36.4323, -6.7096, 5.4787

Deuteranomaly

36.2770, -4.2182, 3.7964

Tritanomaly

36.5036, -9.9720, -1.1805

Monochromacy



Original Color

36.5706, -13.4331, 4.3582

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

35.2711, -6.3920, 2.6114

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.5706, -13.4331, 4.3582 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(72, 110, 96)` looks like.

```
.text, #text, p{  
    color:rgb(72, 110, 96)  
}
```

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(72, 110, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 110, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 36.5706, -13.4331, 4.3582 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(72, 110, 96) }
```


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

```
.border{ border-color:rgb(72, 110, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 110, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 110, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 110, 96);  
box-shadow:4px 4px 4px 4px rgb(72, 110,  
96) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.5706, -13.4331, 4.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 110, 96) }
```

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

```
.background{ background-color: rgb(72, 110,  
96) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor