

Converting Colors

HunterLab(40.6484, -13.2402,
5.8997)

Have a look what the booklet for
HunterLab(40.6484, -13.2402,
5.8997) contains.

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Color

**HunterLab(40.5693,
-13.1569, 5.6281)**

Conversions

Conversions Part 1

Format	Color
Hex	577868
RGB	87, 120, 104
RGB Percent	34%, 47%, 41%
CMY	0.6588, 0.5294, 0.5922
CMYK	0.28, 0.00, 0.13, 0.53
HSL	151°, 16%, 41%
HSV	151°, 28%, 47%
XYZ	13.1457, 16.4587, 15.5807
YIQ	108.3090, -14.5320, -11.9720

Conversions

Conversions Part 2

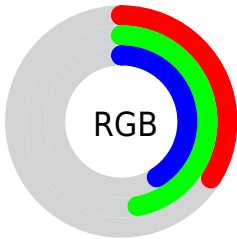
Format	Color
RYB	87, 109, 120
Decimal	5732456
CIELab	47.57, -15.44, 5.00
CIElCh	48, 16.226, 162.070
Yxy	16.4594, 0.2909, 0.3643
Android (android.graphics.Color)	4283922536 (0xFF577868)
YUV	108.3090, -2.1243, -18.6880
Hunter-Lab	40.5693, -13.1569, 5.6281

Details

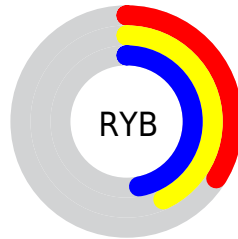
The HunterLab color $40.5693, -13.1569, 5.6281$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $34.3354, 10.6297, -0.8160$, and the grayscale version is $38.8549, -2.0732, 2.1111$.

A 20% lighter version of the original color is $61.0532, -15.7699, 7.2298$, and $22.9194, -9.9935, 3.9343$ is the 20% darker color. If you saturate the color by 10%, you get $39.7678, -16.4861, 6.9209$, and if you desaturate by 10%, it is $41.4827, -9.4818, 4.3846$.

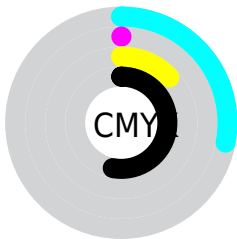
Distribution



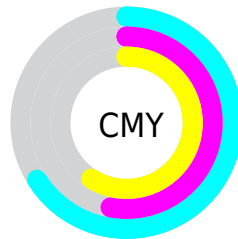
- Red (34%)
- Green (47%)
- Blue (41%)



- Red (34%)
- Yellow (43%)
- Blue (47%)



- Cyan (28%)
- Magenta (0%)
- Yellow (13%)
- Black (53%)



- Cyan (66%)
- Magenta (53%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.5693, -13.1569, 5.6281 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 40.5693, -13.1569, 5.6281 by changing the saturation by 10% instead.

■ 40.5693, -13.1569,
5.6281

■ 40.5693, -13.1569,
5.6281

152.3277,
-25.7995, 13.7531

■ 31.3844, -11.6578,
4.8211

■ 61.1505, -16.0415,
7.2937

■ 23.0206, -10.0910,
4.0250

■ 72.4483, -17.4506,
8.1550

■ 15.5693, -8.4160,
3.2317

■ 84.3671, -18.8480,
9.0365

■ 9.1554, -7.8367,
2.7601

■ 96.8762, -20.2389,
9.9386

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.9488,
-21.6269, 10.8613

0.0000, NaN, NaN

123.5616,

0.0000, NaN, NaN

-23.0149, 11.8048

0.0000, NaN, NaN

137.6941,
-24.4052, 12.7687

■ 40.5693, -13.1569,
5.6281

■ 40.5693, -13.1569,
5.6281

■ 39.7678, -16.4861,
6.9209

■ 41.4827, -9.4818,
4.3846

■ 39.0761, -19.4396,
8.2485

■ 42.5038, -5.4913,
3.1996

■ 38.4943, -21.9969,
9.5966

■ 43.6307, -1.2207,
2.0821

■ 38.0196, -24.1462,
10.9488

■ 44.8600, 3.2948,
1.0382

■ 37.6475, -25.8868,
12.2878

■ 46.1876, 8.0208,
0.0719

■ 37.3710, -27.2320,
13.5956

■ 47.6092, 12.9252,
-0.8147

■ 37.1683, -28.2618,
14.8433

■ 49.1202, 17.9786,
-1.6211

■ 37.1205, -28.5054,
15.1375

■ 50.7159, 23.1547,
-2.3483

■ 52.3918, 28.4306,
-2.9981

Harmonies

Analogous

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



40.5701, -10.0391, 9.9289



40.5693, -13.1569, 5.6281



40.5701, -13.4452, -0.2999

Triad

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



40.5701, -13.1576, 5.6286



40.5701, 0.4217, -10.8926



40.5701, 7.3150, 9.2546

Complementary

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



40.5693, -13.1569, 5.6281



34.3354, 10.6297, -0.8160

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.



40.5701, 10.4963, 4.5660



40.5693, -13.1569, 5.6281



40.5701, 6.3554, -7.4100

Square

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



40.5701, -13.1576, 5.6286



40.5701, -5.8631, -10.4905



40.5701, 10.1347, -1.5384



40.5701, 1.6666, 11.7897

Rectangle

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



40.5693, -13.1569, 5.6281



40.5701, -12.0174, -4.4657



40.5701, 10.1347, -1.5384



40.5701, 8.7236, 7.9116

Sweetspot

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



40.5701, -13.1576, 5.6286



56.2688, -7.6631, 4.3498



41.2735, -11.2990, 12.2815



27.3043, -4.0718, 2.2143



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



40.5701, -13.1576, 5.6286



53.1148, -20.2899, 8.5392



41.0073, -10.6583, -0.6108



21.1689, -3.0721, 1.6917



38.7671, -29.7957, 15.8648



84.5675, -65.7080, 36.1428

Inverse Universe

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



34.3354, 10.6297, -0.8160



43.0763, 18.1232, -1.7774



33.9087, 8.4342, 5.2755



20.1107, 0.9463, 0.5885



21.6534, 38.6174, 2.0898



47.1114, 83.6837, 7.1558

Previews

White Background



This preview shows how the HunterLab color 40.5693, -13.1569, 5.6281 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 40.5693, -13.1569, 5.6281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

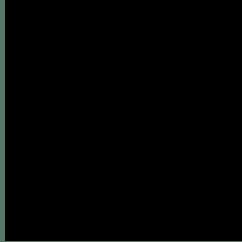
Any Text WCAG AA × Fail

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 40.5693, -13.1569, 5.6281 Background



This preview shows how black text looks on a background with the HunterLab color 40.5693, -13.1569, 5.6281.



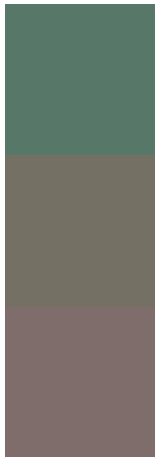
This preview shows how white text looks on a background with the HunterLab color 40.5693,

-13.1569, 5.6281.

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

40.5693, -13.1569, 5.6281

Protanopia

40.3613, -2.3899, 7.1177

Deuteranopia

40.5136, 2.5672, 5.0540



Tritanopia

40.5624, -7.4322, -3.9877

Trichromacy



Original Color

40.5693, -13.1569, 5.6281

Protanomaly

40.3302, -6.7396, 6.6333

Deuteranomaly

40.3422, -3.6228, 5.1536

Tritanomaly

40.5445, -9.4713, -0.2464

Monochromacy



Original Color

40.5693, -13.1569, 5.6281

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

39.1908, -6.1693, 2.9975

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.5693, -13.1569, 5.6281 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(87, 120, 104)` looks like.

```
.text, #text, p{  
    color:rgb(87, 120, 104)  
}
```

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(87, 120, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 120, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 40.5693, -13.1569, 5.6281 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(87, 120, 104) }
```


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

```
.border{ border-color:rgb(87, 120, 104) }
```

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

Here you see how a box with a 4 pixel rgb(87, 120, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 120, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 120, 104);  
box-shadow:4px 4px 4px 4px rgb(87, 120,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.5693, -13.1569, 5.6281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 120, 104) }
```

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

```
.background{ background-color: rgb(87, 120,  
104) }
```

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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