

Converting Colors

HunterLab(41.9766, -6.8196,
-13.2427)

Have a look what the booklet for
HunterLab(41.9766, -6.8196,
-13.2427) contains.

HunterLab(41.9766, -6.8196, -13.2427)	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(41.9766, -6.8196,
-13.2427)**

Conversions

Conversions Part 1

Format	Color
Hex	537993
RGB	83, 121, 147
RGB Percent	33%, 47%, 58%
CMY	0.6745, 0.5255, 0.4235
CMYK	0.44, 0.18, 0.00, 0.42
HSL	204°, 28%, 45%
HSV	204°, 44%, 58%
XYZ	15.6711, 17.6203, 30.1789
YIQ	112.6020, -30.9940, 0.0300

Conversions

Conversions Part 2

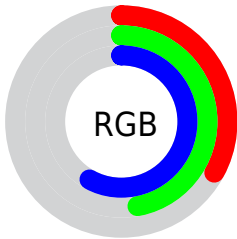
Format	Color
R _Y B	83, 107, 147
Decimal	5470611
CIE Lab	49.03, -6.14, -18.27
CIE LCh	49, 19.278, 251.430
Yxy	17.6210, 0.2469, 0.2776
Android (android.graphics.Color)	4283660691 (0xFF537993)
YUV	112.6020, 16.9582, -25.9610
Hunter-Lab	41.9766, -6.8196, -13.2427

Details

The HunterLab color $41.9766, -6.8196, -13.2427$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $42.1489, 6.9710, 14.5815$, and the grayscale version is $40.4301, -2.1572, 2.1966$.

A 20% lighter version of the original color is $62.6539, -8.5684, -13.8345$, and $24.2918, -5.3368, -12.1350$ is the 20% darker color. If you saturate the color by 10%, you get $39.5157, -6.7889, -17.1872$, and if you desaturate by 10%, it is $44.5632, -6.4564, -9.3798$.

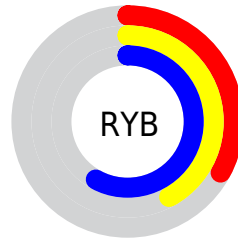
Distribution



Red (33%)

Green (47%)

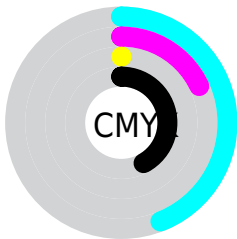
Blue (58%)



Red (33%)

Yellow (42%)

Blue (58%)

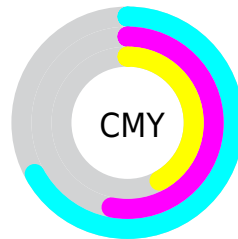


Cyan (44%)

Magenta (18%)

Yellow (0%)

Black (42%)



Cyan (67%)

Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.9766, -6.8196, -13.2427 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 41.9766, -6.8196, -13.2427 by changing the saturation by 10% instead.

■ 41.9766, -6.8196,
-13.2427

■ 41.9766, -6.8196,
-13.2427

154.5077,
-15.4114, -13.4782

■ 32.6776, -5.9396,
-12.9083

■ 62.7618, -8.6140,
-13.7018

■ 24.1887, -5.0641,
-12.5080

■ 74.1525, -9.5330,
-13.8337

■ 16.5971, -4.1833,
-12.0606

■ 86.1594, -10.4686,
-13.9054

■ 10.0251, -3.2885,
-11.6469

■ 98.7524, -11.4214,
-13.9205

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 111.9054,
-12.3919, -13.8824

0.0000, NaN, NaN

125.5954,

0.0000, NaN, NaN

-13.3803, -13.7942

0.0000, NaN, NaN

139.8022,
-14.3868, -13.6586

■ 41.9766, -6.8196,
-13.2427

■ 41.9766, -6.8196,
-13.2427

■ 39.5157, -6.7889,
-17.1872

■ 44.5632, -6.4564,
-9.3798

■ 37.1883, -6.3217,
-21.2051

■ 47.2632, -5.7404,
-5.6056

■ 35.0055, -5.3803,
-25.2781

■ 50.0679, -4.7111,
-1.9195

■ 32.9757, -3.9372,
-29.3815

■ 52.9689, -3.4044,
1.6813

■ 31.1040, -1.9862,
-33.4871

■ 55.9584, -1.8524,
5.2013

■ 29.9481, -0.5684,
-36.2055

■ 59.0295, -0.0830,
8.6464

■ 62.1762, 1.8793,
12.0228

■ 65.3928, 4.0134,
15.3370

■ 68.6744, 6.3008,
18.5952

Harmonies

Analogous

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



41.9774, -12.7007, -8.0563



41.9766, -6.8196, -13.2427



41.9774, 0.7096, -13.8543

Triad

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



41.9774, -6.8199, -13.2419



41.9774, 13.1530, 4.9615



41.9774, -11.5292, 11.4721

Complementary

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



41.9766, -6.8196, -13.2427



42.1489, 6.9710, 14.5815

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.



41.9774, -5.1143, 13.8064



41.9766, -6.8196, -13.2427



41.9774, 9.3528, 10.5217

Square

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



41.9774, -6.8199, -13.2419



41.9774, 12.6145, -2.4148



41.9774, 2.5407, 13.4928



41.9774, -15.2825, 6.4972

Rectangle

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



41.9766, -6.8196, -13.2427



41.9774, 5.6981, -11.4774



41.9774, 2.5407, 13.4928



41.9774, -9.6327, 12.5477

Sweetspot

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



41.9774, -6.8199, -13.2419



67.1046, -6.2622, -2.4378



48.7877, -24.1305, 12.1940



31.6896, -3.1426, -1.6415



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



41.9774, -6.8199, -13.2419



53.0305, -9.0995, -22.7518



33.4032, 8.0217, -28.2735



24.8414, -2.0225, -0.1698



27.9729, -0.6788, -33.4982



3.9221, -1.3285, -2.0343

Inverse Universe

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



37.1088, 24.4212, -5.6090



45.7799, 40.4932, -8.9171



50.7543, -7.7181, 21.5789



24.2275, 1.3407, 0.3861



24.4607, 44.3653, -3.3841



2.8123, 5.2881, -1.8409

Previews

White Background



This preview shows how the HunterLab color 41.9766, -6.8196, -13.2427 looks on a white background.

Color Contrast Check

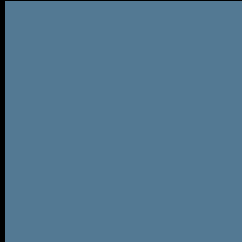
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.9766, -6.8196, -13.2427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

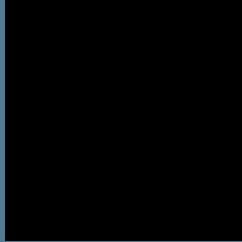
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 41.9766, -6.8196, -13.2427 Background



This preview shows how black text looks on a background with the HunterLab color 41.9766, -6.8196, -13.2427.

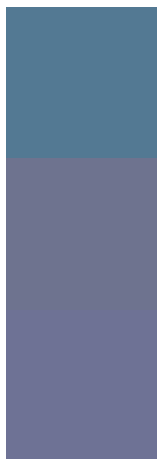


This preview shows how white text looks on a background with the HunterLab color 41.9766, -6.8196, -13.2427.

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

41.9766, -6.8196, -13.2427

Protanopia

41.9042, 1.2938, -10.9244

Deuteranopia

41.8564, 2.9703, -14.4331



Tritanopia

41.8589, -11.2452, -5.8346

Trichromacy



Original Color

41.9766, -6.8196, -13.2427

Protanomaly

41.7678, -1.9342, -11.7514

Deuteranomaly

41.9166, -1.1217, -13.8201

Tritanomaly

41.7846, -9.6628, -8.5399

Monochromacy



Original Color

41.9766, -6.8196, -13.2427

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

40.9832, -4.5311, -2.8944

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.9766, -6.8196, -13.2427 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, 121, 147)` looks like.

```
.text, #text, p{  
    color:rgb(83, 121, 147)  
}
```

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, 121, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 121, 147) }
```

Border

The CSS property to change the border of an element to HunterLab 41.9766, -6.8196, -13.2427 is called "border". The border property can be set on classes, ids or directly on the HTML element.

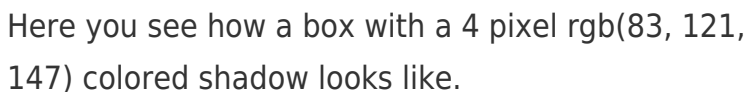
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(83, 121, 147) }
```


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

```
.border{ border-color:rgb(83, 121, 147) }
```

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



Here you see how a box with a 4 pixel `rgb(83, 121, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(83, 121, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(83, 121, 147); box-shadow:4px 4px 4px 4px rgb(83, 121, 147) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.9766, -6.8196, -13.2427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 121, 147) }
```

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

```
.background{ background-color: rgb(83, 121,  
147) }
```

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