

Converting Colors

HunterLab(40.5672, 12.1615,
-44.6830)

Have a look what the booklet for
HunterLab(40.5672, 12.1615,
-44.6830) contains.

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Color

**HunterLab(40.5874, 11.8683,
-44.2827)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6BBC
RGB	93, 107, 188
RGB Percent	36%, 42%, 74%
CMY	0.6353, 0.5804, 0.2627
CMYK	0.51, 0.43, 0.00, 0.26
HSL	231°, 41%, 55%
HSV	231°, 51%, 74%
XYZ	18.8490, 16.4734, 49.7631
YIQ	112.0480, -34.3450, 22.2230

Conversions

Conversions Part 2

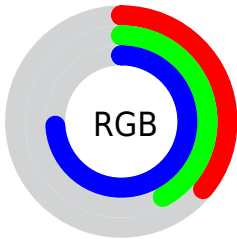
Format	Color
R _Y B	93, 105, 188
Decimal	6122428
CIE Lab	47.59, 17.48, -44.42
CIE LCh	48, 47.736, 291.486
Yxy	16.4739, 0.2215, 0.1936
Android (android.graphics.Color)	4284312508 (0xFF5D6BBC)
YUV	112.0480, 37.4443, -16.7051
Hunter-Lab	40.5874, 11.8683, -44.2827

Details

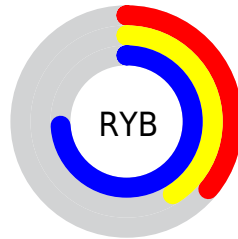
The HunterLab color $40.5874, 11.8683, -44.2827$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $64.6183, -8.5210, 30.1654$, and the grayscale version is $40.1426, -2.1419, 2.1810$.

A 20% lighter version of the original color is $61.1848, 12.8391, -45.7843$, and $23.0066, 10.7797, -43.7590$ is the 20% darker color. If you saturate the color by 10%, you get $35.4572, 16.7640, -57.4146$, and if you desaturate by 10%, it is $46.0831, 7.7513, -32.6805$.

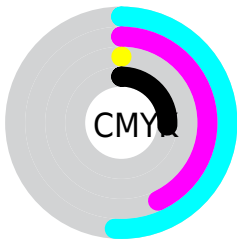
Distribution



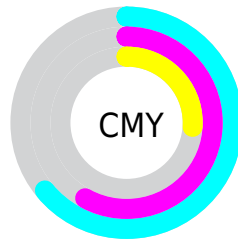
- Red (36%)
- Green (42%)
- Blue (74%)



- Red (36%)
- Yellow (41%)
- Blue (74%)



- Cyan (51%)
- Magenta (43%)
- Yellow (0%)
- Black (26%)



- Cyan (64%)
- Magenta (58%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.5874, 11.8683, -44.2827 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 40.5874, 11.8683, -44.2827 by changing the saturation by 10% instead.

■ 40.5874, 11.8683,
-44.2827

■ 40.5874, 11.8683,
-44.2827

■ 152.3556, 12.8884,
-49.9663

■ 31.4009, 11.3591,
-43.8327

■ 61.1711, 12.5866,
-45.5923

■ 23.0355, 10.7270,
-43.7665

■ 72.4701, 12.8192,
-46.3012

■ 15.5823, 9.9485,
-44.5881

■ 84.3900, 12.9793,
-46.9998

■ 9.1667, 9.0145,
-47.8197

■ 96.9002, 13.0735,
-47.6722

0.0000, INF, -NF

0.0000, NaN, -NF

■ 109.9738, 13.1073,
-48.3090

0.0000, NaN, -NF

■ 123.5877, 13.0852,

0.0000, NaN, NaN

-48.9053

0.0000, NaN, NaN

137.7211, 13.0111,
-49.4581

■ 40.5874, 11.8683,
-44.2827

■ 40.5874, 11.8683,
-44.2827

■ 35.4572, 16.7640,
-57.4146

■ 46.0831, 7.7513,
-32.6805

■ 30.7876, 22.5774,
-72.2566

■ 51.8726, 4.2585,
-22.3422

■ 26.7128, 29.3321,
-88.6256

■ 57.9065, 1.2574,
-13.0102

■ 23.4024, 36.7123,
-105.4738

■ 64.1482, -1.3578,
-4.4700

■ 21.0885, 43.3823,
-120.0087

■ 70.5699, -3.6686,
3.4482

■ 77.1507, -5.7376,
10.8766

■ 83.8739, -7.6123,
17.9174

■ 90.7263, -9.3297,
24.6499

■ 96.9819, -13.4572,
30.4378

Harmonies

Analogous

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



40.5881, -7.3581, -48.3050



40.5874, 11.8683, -44.2827



40.5881, 29.9939, -25.4029

Triad

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



40.5881, 11.8686, -44.2816



40.5881, 22.7532, 20.9017



40.5881, -31.9728, 6.9566

Complementary

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



40.5874, 11.8683, -44.2827



64.6183, -8.5210, 30.1654

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.



40.5881, -26.6572, 18.2653



40.5874, 11.8683, -44.2827



40.5881, 3.2971, 23.5743

Square

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



40.5881, 11.8686, -44.2816



40.5881, 37.0281, 12.8523



40.5881, -14.5231, 22.8960



40.5881, -30.5134, -12.4319

Rectangle

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



40.5874, 11.8683, -44.2827



40.5881, 37.8924, -10.2299



40.5881, -14.5231, 22.8960



40.5881, -30.9600, 11.6436

Sweetspot

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



40.5881, 11.8686, -44.2816



82.3635, -0.2247, -11.3225



64.2964, -28.9170, 2.3038



37.3746, 0.2431, -6.3811



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



40.5881, 11.8686, -44.2816



46.7675, 23.6369, -80.0823



39.8939, 26.9817, -45.6542



30.7346, -0.7784, -1.6628



17.5973, 35.0617, -97.6833



4.4126, 4.0505, -14.2592

Inverse Universe

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



44.2521, 32.7106, 9.2032



53.7976, 55.0318, 15.4038



66.1068, -25.4219, 31.0007



30.9171, 1.2394, 2.0651



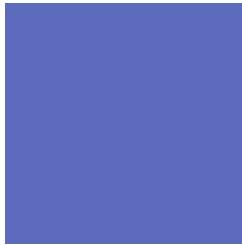
27.0967, 46.6366, 15.7055



5.4315, 9.4836, 2.0996

Previews

White Background



This preview shows how the HunterLab color 40.5874, 11.8683, -44.2827 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 40.5874, 11.8683, -44.2827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

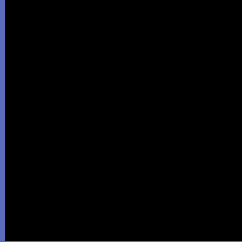
Any Text WCAG AA × Fail

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 40.5874, 11.8683, -44.2827 Background



This preview shows how black text looks on a background with the HunterLab color 40.5874, 11.8683, -44.2827.



This preview shows how white text looks on a background with the HunterLab color 40.5874, 11.8683, -44.2827.

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

40.5874, 11.8683, -44.2827

Protanopia

40.6610, 8.3972, -46.6707

Deuteranopia

40.6055, 3.6237, -43.5625



Tritanopia

40.6208, -11.4567, -5.9956

Trichromacy



Original Color

40.5874, 11.8683, -44.2827

Protanomaly

40.6128, 9.4918, -45.9270

Deuteranomaly

40.5618, 6.2742, -43.6171

Tritanomaly

40.3053, -3.6167, -18.2962

Monochromacy



Original Color

40.5874, 11.8683, -44.2827

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.0607, 1.7884, -12.0038

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.5874, 11.8683, -44.2827 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(93, 107, 188)` looks like.

```
.text, #text, p{  
    color:rgb(93, 107, 188)  
}
```

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(93, 107, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 107, 188) }
```

Border

The CSS property to change the border of an element to HunterLab 40.5874, 11.8683, -44.2827 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(93, 107, 188) }
```


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

```
.border{ border-color:rgb(93, 107, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 107, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 107, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 107, 188);  
box-shadow:4px 4px 4px 4px rgb(93, 107,  
188) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.5874, 11.8683, -44.2827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 107, 188) }
```

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

```
.background{ background-color: rgb(93, 107,  
188) }
```

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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