

Converting Colors

HunterLab(40.6700, -11.2744,
-5.9248)

Have a look what the booklet for
HunterLab(40.6700, -11.2744,
-5.9248) contains.

HunterLab(40.6700, -11.2744, -5.9248)	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(40.6700,
-11.2744, -5.9248)**

Conversions

Conversions Part 1

Format	Color
Hex	4B7882
RGB	75, 120, 130
RGB Percent	29%, 47%, 51%
CMY	0.7059, 0.5294, 0.4902
CMYK	0.42, 0.08, 0.00, 0.49
HSL	191°, 27%, 40%
HSV	191°, 42%, 51%
XYZ	13.6474, 16.5405, 23.5924
YIQ	107.6850, -30.0300, -6.4300

Conversions

Conversions Part 2

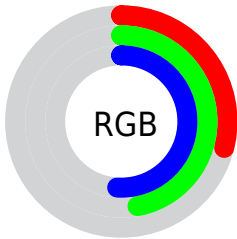
Format	Color
R_{YB}	75, 100, 130
Decimal	4946050
CIE _{Lab}	47.68, -12.64, -10.34
CIE _{LCh}	48, 16.331, 219.276
Yxy	16.5411, 0.2538, 0.3076
Android (android.graphics.Color)	4283136130 (0xFF4B7882)
YUV	107.6850, 11.0013, -28.6647
Hunter-Lab	40.6700, -11.2744, -5.9248

Details

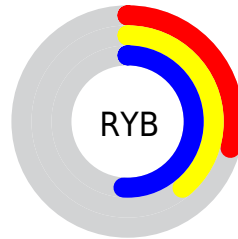
The HunterLab color $40.6700, -11.2744, -5.9248$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $34.2798, 11.4768, 9.8101$, and the grayscale version is $38.5731, -2.0582, 2.0958$.

A 20% lighter version of the original color is $61.1849, -13.5652, -5.9479$, and $22.9842, -8.4445, -6.0662$ is the 20% darker color. If you saturate the color by 10%, you get $39.3800, -12.4731, -7.7496$, and if you desaturate by 10%, it is $42.0661, -9.7174, -4.0159$.

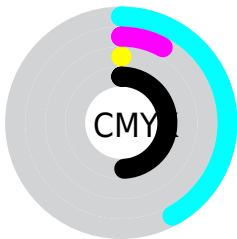
Distribution



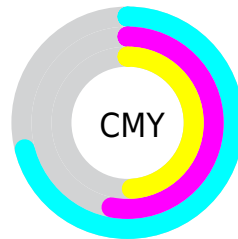
- Red (29%)
- Green (47%)
- Blue (51%)



- Red (29%)
- Yellow (39%)
- Blue (51%)



- Cyan (42%)
- Magenta (8%)
- Yellow (0%)
- Black (49%)



- Cyan (71%)
- Magenta (53%)
- Yellow (49%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6700, -11.2744, -5.9248 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 40.6700, -11.2744, -5.9248 by changing the saturation by 10% instead.

40.6700, -11.2744,
-5.9248

40.6700, -11.2744,
-5.9248

152.4841,
-22.6760, -3.6786

31.4768, -9.9658,
-5.8860

61.2659, -13.8238,
-5.7920

23.1039, -8.6124,
-5.7676

72.5704, -15.0826,
-5.6347

15.6425, -7.1832,
-5.5603

84.4956, -16.3386,
-5.4234

9.2187, -6.4682,
-5.2684

97.0107, -17.5953,
-5.1621

0.0000, NaN, -NF

0.0000, NaN, NaN

110.0891,
-18.8557, -4.8543

0.0000, NaN, NaN

123.7075,

0.0000, NaN, NaN

-20.1215, -4.5028

0.0000, NaN, NaN

137.8453,
-21.3946, -4.1102

■ 40.6700, -11.2744,
-5.9248

■ 40.6700, -11.2744,
-5.9248

■ 39.3800, -12.4731,
-7.7496

■ 42.0661, -9.7174,
-4.0159

■ 38.1957, -13.2947,
-9.4797

■ 43.5629, -7.8238,
-2.0376

■ 37.1180, -13.7299,
-11.1033

■ 45.1574, -5.6197,
-0.0016

■ 36.1449, -13.7799,
-12.6120

■ 46.8453, -3.1321,
2.0811

■ 35.2711, -13.4614,
-14.0031

■ 48.6219, -0.3878,
4.2007

■ 34.6346, -13.0861,
-15.0411

■ 50.4827, 2.5874,
6.3486

■ 52.4228, 5.7694,
8.5178

■ 54.4378, 9.1358,
10.7025

■ 56.5234, 12.6668,
12.8981

Harmonies

Analogous

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



40.6708, -13.6286, 0.2796



40.6700, -11.2744, -5.9248



40.6708, -6.4399, -10.3405

Triad

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



40.6708, -11.2747, -5.9241



40.6708, 10.0010, -2.1546



40.6708, -4.1387, 12.1631

Complementary

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



40.6700, -11.2744, -5.9248



34.2798, 11.4768, 9.8101

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.



40.6708, 2.2789, 11.7187



40.6700, -11.2744, -5.9248



40.6708, 10.7118, 4.0575

Square

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



40.6708, -11.2747, -5.9241



40.6708, 5.9226, -7.9410



40.6708, 7.8086, 8.9548



40.6708, -9.6797, 10.2797

Rectangle

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



40.6700, -11.2744, -5.9248



40.6708, -2.3279, -11.3314



40.6708, 7.8086, 8.9548



40.6708, -2.0164, 12.2737

Sweetspot

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



40.6708, -11.2747, -5.9241



59.7114, -7.7640, -0.2721



42.5490, -22.0572, 14.0964



28.2134, -3.9690, -0.3755



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



40.6708, -11.2747, -5.9241



52.2840, -16.5321, -10.2485



33.1592, 0.5127, -17.3208



21.8131, -2.3140, 0.3177



33.9274, -12.8315, -14.7067

0.0000, NaN, NaN

Inverse Universe

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



33.3684, 22.4483, -10.6199



40.9303, 37.3536, -17.5895



40.9501, -0.9005, 15.5791



20.9748, 1.2980, -0.1770

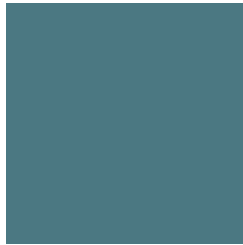


23.5723, 44.6358, -17.8500

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.6700, -11.2744, -5.9248 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 40.6700, -11.2744, -5.9248 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 40.6700, -11.2744, -5.9248 Background



This preview shows how black text looks on a background with the HunterLab color 40.6700, -11.2744, -5.9248.



This preview shows how white text looks on a background with the HunterLab color 40.6700,

-11.2744, -5.9248.

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

40.6700, -11.2744, -5.9248

Protanopia

40.5568, -0.3284, -3.3787

Deuteranopia

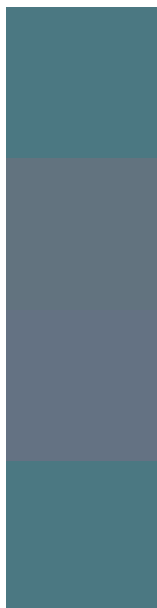
40.4910, 2.6736, -6.9677



Tritanopia

40.6700, -11.2744, -5.9248

Trichromacy



Original Color

40.6700, -11.2744, -5.9248

Protanomaly

40.4851, -4.7201, -4.5409

Deuteranomaly

40.4755, -3.0511, -6.5667

Tritanomaly

40.6700, -11.2744, -5.9248

Monochromacy



Original Color

40.6700, -11.2744, -5.9248

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

39.1613, -5.7658, -0.9856

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6700, -11.2744, -5.9248 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(75, 120, 130)` looks like.

```
.text, #text, p{  
    color:rgb(75, 120, 130)  
}
```

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(75, 120, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 120, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6700, -11.2744, -5.9248 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(75, 120, 130) }
```


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

```
.border{ border-color:rgb(75, 120, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 120, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 120, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 120, 130);  
box-shadow:4px 4px 4px 4px rgb(75, 120,  
130) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6700, -11.2744, -5.9248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 120, 130) }
```

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

```
.background{ background-color: rgb(75, 120,  
130) }
```

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