

Converting Colors

HunterLab(41.8666, 29.9853,
-107.6572)

Have a look what the booklet for
HunterLab(41.8666, 29.9853,
-107.6572) contains.

HunterLab(41.9813, 29.7070, -107.2253)	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(41.9813, 29.7070,
-107.2253)**

Conversions

Conversions Part 1

Format	Color
Hex	3367FF
RGB	51, 103, 255
RGB Percent	20%, 40%, 100%
CMY	0.7999, 0.5961, 0.0000
CMYK	0.80, 0.60, 0.00, 0.00
HSL	225°, 100%, 60%
HSV	225°, 80%, 100%
XYZ	24.2655, 17.6243, 96.7306
YIQ	104.7800, -79.7840, 36.2480

Conversions

Conversions Part 2

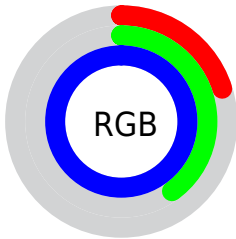
Format	Color
R_{YB}	51, 92, 255
Decimal	3368959
CIE _{Lab}	49.04, 36.86, -80.13
CIE _{LCh}	49, 88.201, 294.702
Yxy	17.6247, 0.1751, 0.1271
Android (android.graphics.Color)	4281559039 (0xFF3367FF)
YUV	104.7800, 74.0585, -47.1651
Hunter-Lab	41.9813, 29.7070, -107.2253

Details

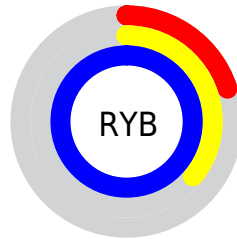
The HunterLab color **41.9813, 29.7070, -107.2253** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **80.1376, 0.5288, 47.0709**, and the grayscale version is **37.2538, -1.9878, 2.0241**.

A 20% lighter version of the original color is **59.1594, 13.1154, -58.1333**, and **26.3770, 31.9423, -101.9231** is the 20% darker color. If you saturate the color by 10%, you get **37.1128, 39.1046, -127.5885**, and if you desaturate by 10%, it is **47.6416, 21.6539, -88.0038**.

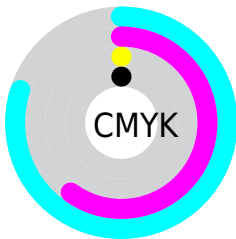
Distribution



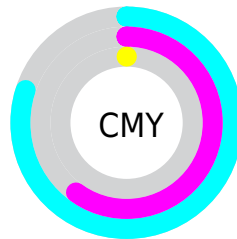
- Red (20%)
- Green (40%)
- Blue (100%)



- Red (20%)
- Yellow (36%)
- Blue (100%)



- Cyan (80%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.9813, 29.7070, -107.2253 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 41.9813, 29.7070, -107.2253 by changing the saturation by 10% instead.

■ 41.9813, 29.7070,
-107.2253

■ 41.9813, 29.7070,
-107.2253

■ 154.5143, 37.5618,
-110.8726

■ 32.6816, 28.3233,
-109.5056

■ 62.7668, 32.1124,
-105.9437

■ 24.1923, 26.8077,
-114.0865

■ 74.1578, 33.1491,
-106.1420

■ 16.6003, 25.1771,
-123.3179

■ 86.1649, 34.0880,
-106.6351

■ 10.0278, 23.5280,
-143.8223

■ 98.7582, 34.9371,
-107.3178

0.0000, INF, -NF

0.0000, NaN, -NF

■ 111.9114, 35.7033,
-108.1219

0.0000, NaN, -NF

■ 125.6017, 36.3927,

0.0000, NaN, -NF

-109.0018

0.0000, NaN, -NF

139.8087, 37.0107,
-109.9260

■ 41.9813, 29.7070,
-107.2253

■ 41.9813, 29.7070,
-107.2253

■ 37.1128, 39.1046,
-127.5885

■ 47.6416, 21.6539,
-88.0038

■ 33.1666, 49.2756,
-147.8252

■ 53.9412, 14.9936,
-70.4882

■ 33.1639, 49.2831,
-147.8401

■ 60.7579, 9.5778,
-54.7155

■ 67.9978, 5.2015,
-40.5012

■ 75.5901, 1.6701,
-27.5993

■ 83.4812, -1.1804,
-15.7722

■ 91.6305, -3.4816,
-4.8151

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



41.9817, -8.2710, -124.2904



41.9813, 29.7070, -107.2253



41.9817, 67.9232, -54.0084

Triad

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



41.9817, 29.7089, -107.2237



41.9817, 44.0945, 28.1470



41.9817, -50.4023, 7.7715

Complementary

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



41.9813, 29.7070, -107.2253



80.1376, 0.5288, 47.0709

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.



41.9817, -44.2281, 24.9879



41.9813, 29.7070, -107.2253



41.9817, 4.1470, 29.3872

Square

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



41.9817, 29.7089, -107.2237



41.9817, 77.9561, 21.1888



41.9817, -26.8053, 28.9510



41.9817, -47.5245, -34.1889

Rectangle

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



41.9813, 29.7070, -107.2253



41.9817, 84.2752, -18.3316



41.9817, -26.8053, 28.9510



41.9817, -49.4002, 15.8988

Sweetspot

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



41.9817, 29.7089, -107.2237



80.2858, -0.1107, -20.3967



87.4201, -55.7468, 15.5797



35.8465, 0.4259, -11.3975

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.9817, 29.7089, -107.2237



34.6355, 45.2075, -139.8184



34.9576, 63.1000, -137.8148



42.5793, -1.6571, -1.9891



24.3869, 34.3154, -104.5586



8.6326, 7.7882, -27.6026

Inverse Universe

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



49.6070, 74.6526, 16.5381



46.8582, 80.0465, 22.3911



92.2404, -41.0474, 54.1049



42.5006, 2.0598, 2.3148



33.6576, 58.2919, 16.6928



10.5819, 18.4824, 4.0433

Previews

White Background



This preview shows how the HunterLab color 41.9813, 29.7070, -107.2253 looks on a white background.

Color Contrast Check

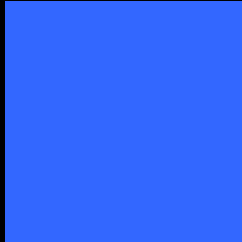
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.9813, 29.7070, -107.2253 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 41.9813, 29.7070, -107.2253 Background



This preview shows how black text looks on a background with the HunterLab color 41.9813, 29.7070, -107.2253.



This preview shows how white text looks on a background with the HunterLab color 41.9813, 29.7070, -107.2253.

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

41.9813, 29.7070, -107.2253

Protanopia

41.7433, 15.9988, -86.7123

Deuteranopia

41.8395, 0.9135, -54.2677



Tritanopia

41.4921, -20.2851, -8.0717

Trichromacy



Original Color

41.9813, 29.7070, -107.2253

Protanomaly

41.6349, 20.6391, -94.7341

Deuteranomaly

41.5002, 10.6393, -72.9729

Tritanomaly

40.7269, -5.5201, -37.0875

Monochromacy



Original Color

41.9813, 29.7070, -107.2253

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

37.9078, 4.4901, -28.5798

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.9813, 29.7070, -107.2253 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(51, 103, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 103, 255)  
}
```

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(51, 103, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 103, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 41.9813, 29.7070, -107.2253 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(51, 103, 255) }
```


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

```
.border{ border-color:rgb(51, 103, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 103, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 103, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 103, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 103,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.9813, 29.7070, -107.2253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 103, 255) }
```

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

```
.background{ background-color: rgb(51, 103,  
255) }
```

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