

Converting Colors

HunterLab(40.0009, 43.0653,
-114.8268)

Have a look what the booklet for
HunterLab(40.0009, 43.0653,
-114.8268) contains.

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Color

**HunterLab(40.0782, 42.9390,
-114.5110)**

Conversions

Conversions Part 1

Format	Color
Hex	5757FF
RGB	87, 87, 255
RGB Percent	34%, 34%, 100%
CMY	0.6588, 0.6588, 0.0000
CMYK	0.66, 0.66, 0.00, 0.00
HSL	240°, 100%, 67%
HSV	240°, 66%, 100%
XYZ	25.3887, 16.0626, 96.3700
YIQ	106.1520, -53.9280, 52.2480

Conversions

Conversions Part 2

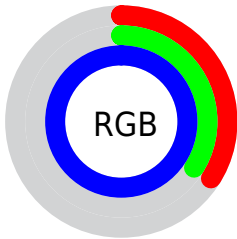
Format	Color
R _Y B	87, 87, 255
Decimal	5724159
CIE _{Lab}	47.06, 50.22, -83.31
CIE _{LCh}	47, 97.271, 301.082
Yxy	16.0630, 0.1842, 0.1165
Android (android.graphics.Color)	4283914239 (0xFF5757FF)
YUV	106.1520, 73.3821, -16.7963
Hunter-Lab	40.0782, 42.9390, -114.5110

Details

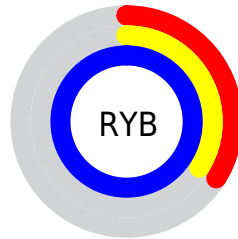
The HunterLab color **40.0782, 42.9390, -114.5110** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **96.6779, -23.8493, 53.6253**, and the grayscale version is **37.7679, -2.0152, 2.0520**.

A 20% lighter version of the original color is **56.8040, 27.7491, -63.2600**, and **23.5559, 40.8957, -117.7249** is the 20% darker color. If you saturate the color by 10%, you get **34.0873, 53.9890, -142.6072**, and if you desaturate by 10%, it is **47.3254, 32.7710, -88.7906**.

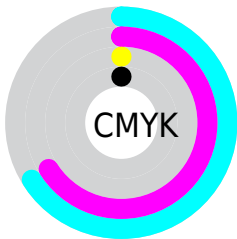
Distribution



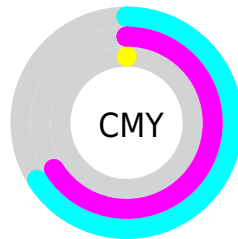
- Red (34%)
- Green (34%)
- Blue (100%)



- Red (34%)
- Yellow (34%)
- Blue (100%)



- Cyan (66%)
- Magenta (66%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (66%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0782, 42.9390, -114.5110 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 40.0782, 42.9390, -114.5110 by changing the saturation by 10% instead.

■ 40.0782, 42.9390,
-114.5110

■ 40.0782, 42.9390,
-114.5110

■ 151.5628, 55.2067,
-116.7431

■ 30.9333, 41.0666,
-117.6384

■ 60.5867, 46.3703,
-112.3720

■ 22.6140, 39.1230,
-123.6986

■ 71.8516, 47.9189,
-112.3499

■ 15.2127, 37.2234,
-135.8461

■ 83.7393, 49.3621,
-112.6976

■ 8.8388, 35.9449,
-163.9501

■ 96.2186, 50.7060,
-113.2863

0.0000, INF, -NF

0.0000, NaN, -NF

■ 109.2628, 51.9568,
-114.0327

0.0000, NaN, -NF

122.8484, 53.1203,

0.0000, NaN, -NF

-114.8811

0.0000, NaN, -NF

136.9546, 54.2020,
-115.7935

■ 40.0782, 42.9390,
-114.5110

■ 40.0782, 42.9390,
-114.5110

■ 34.0873, 53.9890,
-142.6072

■ 47.3254, 32.7710,
-88.7906

■ 29.7607, 64.3300,
-169.0152

■ 55.4982, 23.8782,
-66.4558

■ 27.4151, 71.1468,
-186.4672

■ 64.3676, 16.1516,
-47.1988

■ 26.8703, 72.8852,
-190.9215

■ 73.7794, 9.3576,
-30.4015

■ 83.6289, 3.2757,
-15.4846

■ 93.8429, -2.2695,
-1.9874

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.



40.0786, -0.7531, -147.8857



40.0782, 42.9390, -114.5110



40.0786, 83.8685, -48.0245

Triad

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



40.0786, 42.9409, -114.5093



40.0786, 39.6231, 28.0550



40.0786, -52.1295, 0.8482

Complementary

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



40.0782, 42.9390, -114.5110



96.6779, -23.8493, 53.6253

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.



40.0786, -48.1147, 23.3298



40.0782, 42.9390, -114.5110



40.0786, -3.5096, 28.0550

Square

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



40.0786, 42.9409, -114.5093



40.0786, 81.5038, 24.0237



40.0786, -33.2953, 28.0550



40.0786, -47.4583, -52.7812

Rectangle

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



40.0782, 42.9390, -114.5110



40.0786, 98.4851, -10.1467



40.0786, -33.2953, 28.0550



40.0786, -51.7685, 11.5234

Sweetspot

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



40.0786, 42.9409, -114.5093



79.5258, 5.7059, -21.4309



89.8700, -42.5884, -7.7837



35.5138, 3.4340, -11.8636

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.0786, 42.9409, -114.5093



32.5405, 57.4056, -151.3223



47.6383, 59.9647, -87.3431



41.6868, -0.1452, -3.1163



19.4234, 52.6856, -138.0083



6.0610, 16.4399, -43.0623

Inverse Universe

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



59.4101, 84.4063, -56.3217



55.7457, 96.4448, -64.5728



89.9255, -49.6356, 48.5978



42.7790, 3.5515, -1.6429



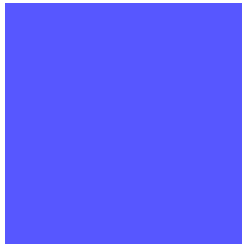
38.5757, 75.8402, -50.8711



12.0370, 23.6650, -15.8740

Previews

White Background



This preview shows how the HunterLab color 40.0782, 42.9390, -114.5110 looks on a white background.

Color Contrast Check

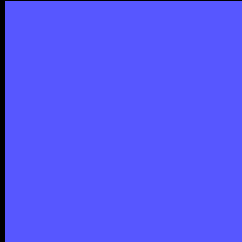
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.0782, 42.9390, -114.5110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

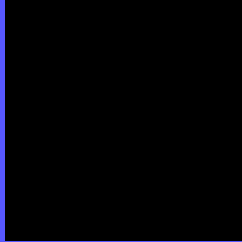
Any Text WCAG AA × Fail

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 40.0782, 42.9390, -114.5110 Background



This preview shows how black text looks on a background with the HunterLab color 40.0782, 42.9390, -114.5110.



This preview shows how white text looks on a background with the HunterLab color 40.0782, 42.9390, -114.5110.

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

40.0782, 42.9390, -114.5110

Protanopia

40.0080, 14.6905, -81.7190

Deuteranopia

39.9120, 0.6154, -51.2149



Tritanopia

39.7893, -19.1720, -8.3463

Trichromacy



Original Color

40.0782, 42.9390, -114.5110

Protanomaly

39.4155, 23.5839, -95.8195

Deuteranomaly

38.9430, 14.0829, -74.6661

Tritanomaly

38.2534, -1.1149, -40.9170

Monochromacy



Original Color

40.0782, 42.9390, -114.5110

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

37.5691, 10.0486, -29.1601

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0782, 42.9390, -114.5110 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, 87, 255)` looks like.

```
.text, #text, p{  
    color:rgb(87, 87, 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(87, 87, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 87, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0782, 42.9390, -114.5110 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, 87, 255) }
```


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

```
.border{ border-color:rgb(87, 87, 255) }
```

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

Here you see how a box with a 4 pixel rgb(87, 87, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 87, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 87, 255);  
box-shadow:4px 4px 4px 4px rgb(87, 87,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0782, 42.9390, -114.5110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 87, 255) }
```

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

```
.background{ background-color: rgb(87, 87,  
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](#).

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