

Converting Colors

HunterLab(66.8598, -14.5910,
-42.9526)

Have a look what the booklet for
HunterLab(66.8598, -14.5910,
-42.9526) contains.

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Color

**HunterLab(66.8619,
-14.5942, -42.9492)**

Conversions

Conversions Part 1

Format	Color
Hex	40BDFF
RGB	64, 189, 255
RGB Percent	25%, 74%, 100%
CMY	0.7490, 0.2588, 0.0000
CMYK	0.75, 0.26, 0.00, 0.00
HSL	201°, 100%, 63%
HSV	201°, 75%, 100%
XYZ	38.3619, 44.7051, 101.2148
YIQ	159.1490, -95.6860, -5.9740

Conversions

Conversions Part 2

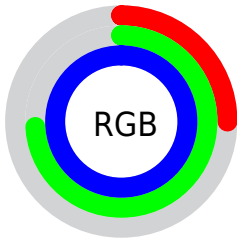
Format	Color
R _Y B	64, 140, 255
Decimal	4242943
CIE Lab	72.70, -12.81, -42.26
CIE LCh	73, 44.160, 253.141
Yxy	44.7066, 0.2082, 0.2426
Android (android.graphics.Color)	4282433023 (0xFF40BDFF)
YUV	159.1490, 47.2545, -83.4457
Hunter-Lab	66.8619, -14.5942, -42.9492

Details

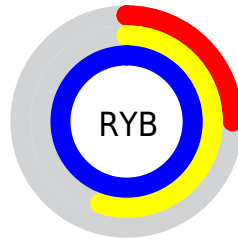
The HunterLab color **66.8619, -14.5942, -42.9492** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **61.3179, 38.6835, 33.7689**, and the grayscale version is **58.7859, -3.1367, 3.1939**.

A 20% lighter version of the original color is **88.1811, -31.1301, -9.8193**, and **46.5677, -8.6749, -39.4791** is the 20% darker color. If you saturate the color by 10%, you get **63.5306, -12.1990, -49.3592**, and if you desaturate by 10%, it is **70.4788, -16.0259, -36.4402**.

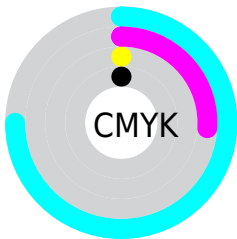
Distribution



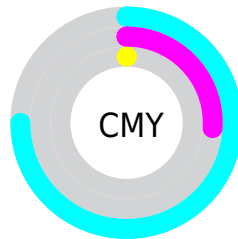
- Red (25%)
- Green (74%)
- Blue (100%)



- Red (25%)
- Yellow (55%)
- Blue (100%)



- Cyan (75%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.8619, -14.5942, -42.9492 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 66.8619, -14.5942, -42.9492 by changing the saturation by 10% instead.

■ 66.8619, -14.5942,
-42.9492

■ 66.8619, -14.5942,
-42.9492

191.2025,
-26.1264, -47.6729

■ 55.8806, -13.3228,
-42.2560

■ 90.7083, -17.1234,
-44.2834

■ 45.5755, -12.0396,
-41.5872

■ 103.5094,
-18.3893, -44.9011

■ 35.9957, -10.7352,
-41.0016

■ 116.8617,
-19.6596, -45.4768

■ 27.2009, -9.3952,
-40.6220

■ 130.7434,
-20.9359, -46.0077

■ 19.2686, -7.9960,
-40.7223

145.1349,
-22.2198, -46.4927

■ 12.3054, -6.4937,
-42.0223

160.0189,

■ 5.4655, -9.5646,

-23.5123, -46.9316

-57.2265

175.3796,
-24.8143, -47.3248

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 66.8619, -14.5942,
-42.9492

■ 66.8619, -14.5942,
-42.9492

■ 63.5306, -12.1990,
-49.3592

■ 70.4788, -16.0259,
-36.4402

■ 60.4770, -8.8748,
-55.6406

■ 74.3710, -16.5164,
-29.8852

■ 59.0033, -6.9106,
-58.8309

■ 78.5267, -16.1189,
-23.3261

■ 82.9302, -14.9032,
-16.7984

■ 87.5648, -12.9457,

-10.3284

■ 92.4137, -10.3227,
-3.9335

■ 97.4610, -7.1065,
2.3763

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.



66.8630, -29.9043, -27.3108



66.8619, -14.5942, -42.9492



66.8630, 5.6021, -43.9741

Triad

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



66.8630, -14.5940, -42.9472



66.8630, 39.1753, 11.5948



66.8630, -28.3831, 25.5792

Complementary

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



66.8619, -14.5942, -42.9492



61.3179, 38.6835, 33.7689

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.



66.8630, -12.2752, 30.7737



66.8619, -14.5942, -42.9492



66.8630, 27.5967, 24.4923

Square

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



66.8630, -14.5940, -42.9472



66.8630, 38.3596, -8.1389



66.8630, 8.2153, 30.4470



66.8630, -37.1851, 13.6015

Rectangle

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



66.8619, -14.5942, -42.9492



66.8630, 19.3043, -35.8518



66.8630, 8.2153, 30.4470



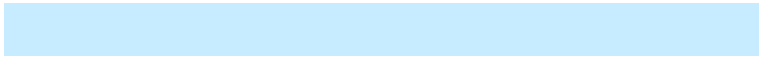
66.8630, -23.7327, 27.9896

Sweetspot

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



66.8630, -14.5940, -42.9472



88.9479, -12.2512, -8.4679



86.1165, -64.1649, 37.9577



40.5520, -5.9696, -4.7234

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.8630, -14.5940, -42.9472



61.9383, -10.6132, -52.5824



40.8020, 35.0529, -111.7204



44.0029, -4.0055, -0.2407



42.9891, -5.5337, -41.7868



14.1544, -2.8728, -11.4902

Inverse Universe

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



53.4814, 80.8300, -19.0043



50.0992, 88.3515, -16.0036



86.3111, -9.1755, 49.6904



42.6468, 2.8442, 0.2337



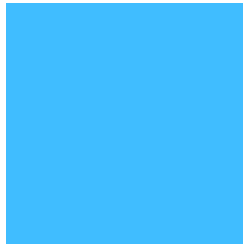
35.4874, 64.9572, -9.5013



11.1660, 20.6013, -4.2512

Previews

White Background



This preview shows how the HunterLab color 66.8619, -14.5942, -42.9492 looks on a white background.

Color Contrast Check

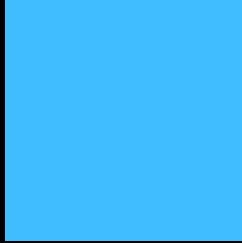
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 66.8619, -14.5942, -42.9492 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

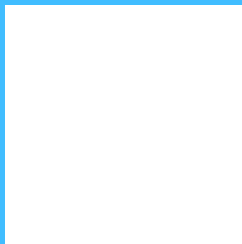
Any Text WCAG AAA ✓ Pass

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

HunterLab 66.8619, -14.5942, -42.9492 Background



This preview shows how black text looks on a background with the HunterLab color 66.8619, -14.5942, -42.9492.



This preview shows how white text looks on a background with the HunterLab color 66.8619, -14.5942, -42.9492.

-14.5942, -42.9492.

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

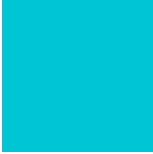
66.8619, -14.5942, -42.9492

Protanopia

66.6031, 5.5580, -35.0525

Deuteranopia

66.5510, 4.9095, -43.1912



Tritanopia

66.8854, -31.7125, -15.1429

Trichromacy



Original Color

66.8619, -14.5942, -42.9492

Protanomaly

66.0536, -3.6275, -39.0751

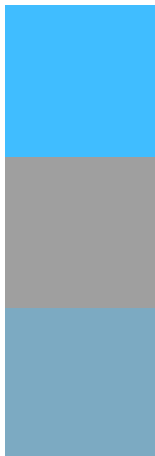
Deuteranomaly

66.3180, -3.6122, -43.7802

Tritanomaly

66.6087, -26.3923, -24.7521

Monochromacy



Original Color

66.8619, -14.5942, -42.9492

Achromatopsia

58.8816, -3.1418, 3.1991

Achromatomaly

60.7697, -11.1059, -12.5446

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.8619, -14.5942, -42.9492 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(64, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(64, 189, 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(64, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 189, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 66.8619, -14.5942, -42.9492 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(64, 189, 255) }
```


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

```
.border{ border-color:rgb(64, 189, 255) }
```

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

Here you see how a box with a 4 pixel rgb(64, 189, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(64, 189,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.8619, -14.5942, -42.9492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 189, 255) }
```

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

```
.background{ background-color: rgb(64, 189,  
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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