

Converting Colors

HunterLab(34.0699, 61.6766,
-142.5675)

Have a look what the booklet for
HunterLab(34.0699, 61.6766,
-142.5675) contains.

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Color

**HunterLab(34.0792, 61.6916,
-142.5166)**

Conversions

Conversions Part 1	
Format	Color
Hex	5733FF
RGB	87, 51, 255
RGB Percent	34%, 20%, 100%
CMY	0.6588, 0.8000, 0.0000
CMYK	0.66, 0.80, 0.00, 0.00
HSL	251°, 100%, 60%
HSV	251°, 80%, 100%
XYZ	23.1643, 11.6139, 95.6287
YIQ	85.0200, -44.0280, 71.0760

Conversions

Conversions Part 2

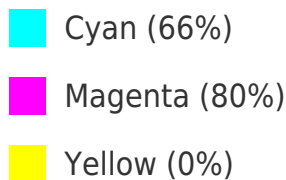
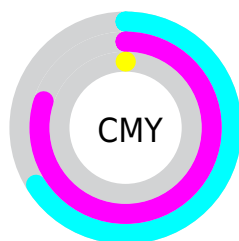
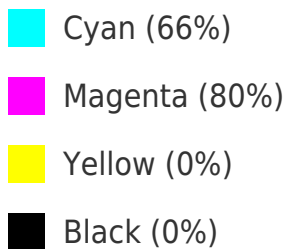
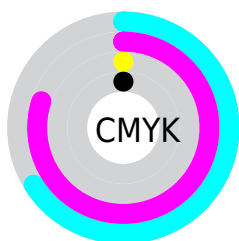
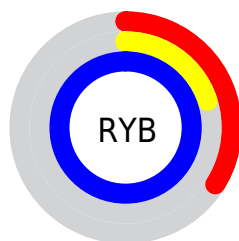
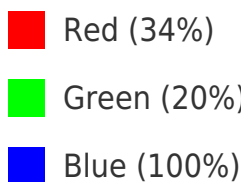
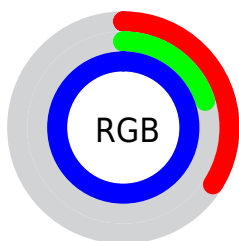
Format	Color
RYB	87, 51, 255
Decimal	5714943
CIELab	40.60, 68.37, -93.95
CIELCh	41, 116.197, 306.045
Yxy	11.6141, 0.1776, 0.0891
Android (android.graphics.Color)	4283905023 (0xFF5733FF)
YUV	85.0200, 83.8001, 1.7365
Hunter-Lab	34.0792, 61.6916, -142.5166

Details

The HunterLab color **34.0792, 61.6916, -142.5166** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **93.1756, -37.4485, 54.7661**, and the grayscale version is **29.8629, -1.5934, 1.6225**.

A 20% lighter version of the original color is **49.1819, 47.1688, -82.9207**, and **20.0779, 54.4613, -142.6619** is the 20% darker color. If you saturate the color by 10%, you get **30.1585, 69.4794, -166.1941**, and if you desaturate by 10%, it is **39.5553, 51.9620, -116.5254**.

Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.0792, 61.6916, -142.5166 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 34.0792, 61.6916, -142.5166 by changing the saturation by 10% instead.

 34.0792, 61.6916, -142.5166	 34.0792, 61.6916, -142.5166
--	--

142.0680, 79.4266, -137.2695	 25.4587, 59.4734, -149.9936
---------------------------------	--


 53.6565, 66.2123, -136.0741	 17.7200, 57.5399, -163.9913
--	--

 64.5000, 68.3789, -134.9351	 10.9784, 56.5689, -193.1777
--	--

 75.9892, 70.4552, -134.5254	 2.5687, 140.2052, -576.6115
--	--

 88.0896, 72.4358, -134.5976	0.0000, INF, -NF
--	------------------

	0.0000, NaN, -NF
--	------------------

 100.7717, 74.3206, -134.9956	0.0000, NaN, -NF
---	------------------

 114.0101, 76.1116,	0.0000, NaN, -NF
--	------------------

-135.6166

0.0000, NaN, -NF

127.7821, 77.8124,
-136.3908

■ 34.0792, 61.6916,
-142.5166

■ 34.0792, 61.6916,
-142.5166

■ 30.1585, 69.4794,
-166.1941

■ 39.5553, 51.9620,
-116.5254

■ 27.8895, 73.6487,
-182.6507

■ 46.2490, 42.0112,
-92.0507

■ 53.8626, 32.6073,
-70.3800

■ 62.1769, 23.9268,
-51.4831

■ 71.0390, 15.9108,
-34.9083

80.3432, 8.4384,
-20.1619

90.0144, 1.3899,
-6.8247

99.9986, -5.3348,
5.4315

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.



34.0794, 7.3244, -205.3873



34.0792, 61.6916, -142.5166



34.0794, 111.3188, -47.9704

Triad

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



34.0794, 61.6943, -142.5152



34.0794, 38.6307, 23.8556



34.0794, -51.2087, -7.5033

Complementary

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



34.0792, 61.6916, -142.5166



93.1756, -37.4485, 54.7661

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.



34.0794, -49.2268, 20.8239



34.0792, 61.6916, -142.5166



34.0794, -10.0920, 23.8556

Square

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



34.0794, 61.6943, -142.5152



34.0794, 94.0135, 23.6585



34.0794, -38.0831, 23.8556



34.0794, -46.1983, -84.3651

Rectangle

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



34.0792, 61.6916, -142.5166



34.0794, 125.9737, -4.0231



34.0794, -38.0831, 23.8556



34.0794, -51.2812, 6.8427

Sweetspot

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



34.0794, 61.6943, -142.5152



76.5751, 11.3691, -25.8679



77.2245, -30.5009, -25.5847



33.8982, 6.4972, -14.4168

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



34.0794, 61.6943, -142.5152



28.6524, 72.2798, -176.8494



44.8910, 79.4069, -95.9020



41.8711, 0.4853, -2.8649



20.2698, 53.3241, -131.1743



6.6349, 16.8986, -38.6276

Inverse Universe

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



53.6107, 89.9997, -39.4968



51.2094, 95.8473, -38.7182



86.9947, -62.0314, 50.3855



42.7108, 3.1868, -0.6755



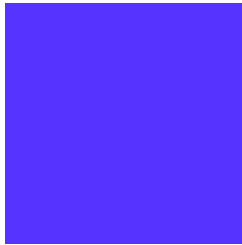
36.8237, 69.7176, -27.8009



11.5501, 21.9654, -9.4776

Previews

White Background



This preview shows how the HunterLab color 34.0792, 61.6916, -142.5166 looks on a white background.

Color Contrast Check

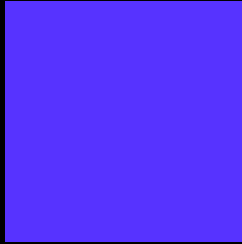
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.0792, 61.6916, -142.5166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

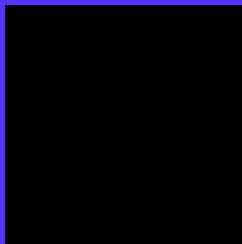
Any Text WCAG AA × Fail

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 34.0792, 61.6916, -142.5166 Background



This preview shows how black text looks on a background with the HunterLab color 34.0792, 61.6916, -142.5166.



This preview shows how white text looks on a background with the HunterLab color 34.0792, 61.6916, -142.5166.

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

34.0792, 61.6916, -142.5166

Protanopia

33.8527, 11.1058, -66.2871

Deuteranopia



33.7871, -0.6516, -40.8243






Tritanopia

33.6086, -16.1550, -7.1340

Trichromacy

	Original Color 34.0792, 61.6916, -142.5166
	Protanomaly 32.4363, 28.6186, -97.0270
	Deuteranomaly 31.9737, 20.0612, -77.8991
	Tritanomaly 30.8556, 7.5303, -49.2564

Monochromacy

	Original Color 34.0792, 61.6916, -142.5166
	Achromatopsia 30.1400, -1.6082, 1.6376
	Achromatomaly 29.7491, 16.8616, -36.3878

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.0792, 61.6916, -142.5166 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, 51, 255)` looks like.

```
.text, #text, p{  
    color:rgb(87, 51, 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, 51, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 51, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 34.0792, 61.6916, -142.5166 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, 51, 255) }
```


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

```
.border{ border-color:rgb(87, 51, 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, 51, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 51, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 51, 255);  
box-shadow:4px 4px 4px 4px rgb(87, 51,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.0792, 61.6916, -142.5166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 51, 255) }
```

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

```
.background{ background-color: rgb(87, 51,  
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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