

Converting Colors

HunterLab(33.4007, 2.2489,
-41.7247)

Have a look what the booklet for
HunterLab(33.4007, 2.2489,
-41.7247) contains.

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Color

**HunterLab(33.4007, 2.2489,
-41.7247)**

Conversions

Conversions Part 1

Format	Color
Hex	1F5FA4
RGB	31, 95, 164
RGB Percent	12%, 37%, 64%
CMY	0.8784, 0.6274, 0.3569
CMYK	0.81, 0.42, 0.00, 0.36
HSL	211°, 68%, 38%
HSV	211°, 81%, 64%
XYZ	11.3581, 11.1561, 36.6767
YIQ	83.7300, -60.2930, 7.8910

Conversions

Conversions Part 2

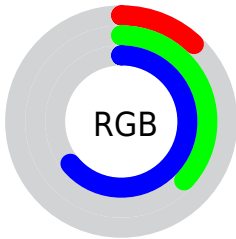
Format	Color
R_{YB}	31, 74, 164
Decimal	2056100
CIE Lab	39.84, 5.58, -42.88
CIE LCh	40, 43.239, 277.415
Yxy	11.1564, 0.1919, 0.1885
Android (android.graphics.Color)	4280246180 (0xFF1F5FA4)
YUV	83.7300, 39.5731, -46.2442
Hunter-Lab	33.4007, 2.2489, -41.7247

Details

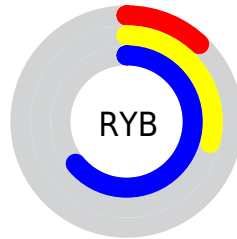
The HunterLab color **33.4007, 2.2489, -41.7247** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **41.3620, 14.4271, 23.8802**, and the grayscale version is **29.5544, -1.5769, 1.6057**.

A 20% lighter version of the original color is **52.8268, 1.6283, -42.6372**, and **18.5770, 6.5516, -37.3627** is the 20% darker color. If you saturate the color by 10%, you get **30.8433, 5.3954, -48.4155**, and if you desaturate by 10%, it is **36.1894, -0.2298, -35.2458**.

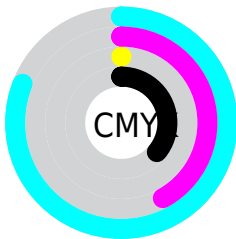
Distribution



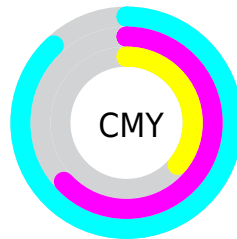
- Red (12%)
- Green (37%)
- Blue (64%)



- Red (12%)
- Yellow (29%)
- Blue (64%)



- Cyan (81%)
- Magenta (42%)
- Yellow (0%)
- Black (36%)



- Cyan (88%)
- Magenta (63%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4007, 2.2489, -41.7247 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 33.4007, 2.2489, -41.7247 by changing the saturation by 10% instead.

■ 33.4007, 2.2489,
-41.7247

■ 33.4007, 2.2489,
-41.7247

■ 140.9743, -1.1032,
-47.2721

■ 24.8438, 2.3461,
-41.4694

■ 52.8668, 1.8486,
-42.9071

■ 17.1757, 2.3558,
-41.8621

■ 63.6602, 1.5608,
-43.5993

■ 10.5152, 2.2563,
-43.9337

■ 75.1020, 1.2224,
-44.2927

0.0000, INF, -NF

■ 87.1574, 0.8378,
-44.9653

0.0000, NaN, -NF

■ 99.7966, 0.4104,
-45.6049

0.0000, NaN, -NF

■ 112.9939, -0.0572,

0.0000, NaN, NaN

-46.2047

0.0000, NaN, NaN

126.7265, -0.5624,
-46.7610

■ 33.4007, 2.2489,
-41.7247

■ 33.4007, 2.2489,
-41.7247

■ 30.8433, 5.3954,
-48.4155

■ 36.1894, -0.2298,
-35.2458

■ 28.7392, 8.6516,
-54.5979

■ 39.1874, -2.0778,
-29.0287

■ 42.3737, -3.3533,
-23.0918

■ 45.7282, -4.1227,
-17.4332

■ 49.2329, -4.4506,
-12.0377

■ 52.8720, -4.3961,
-6.8831

■ 56.6321, -4.0110,
-1.9444

■ 60.5014, -3.3399,
2.8033

■ 64.4702, -2.4203,
7.3837

Harmonies

Analogous

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



33.4012, -12.7219, -37.6649



33.4007, 2.2489, -41.7247



33.4012, 18.8703, -30.4646

Triad

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



33.4012, 2.2496, -41.7239



33.4012, 26.0971, 15.0910



33.4012, -25.5630, 11.1614

Complementary

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



33.4007, 2.2489, -41.7247



41.3620, 14.4271, 23.8802

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.



33.4012, -18.3878, 17.6402



33.4007, 2.2489, -41.7247



33.4012, 10.7722, 19.0563

Square

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



33.4012, 2.2496, -41.7239



33.4012, 34.2147, 5.3544



33.4012, -5.6348, 19.7014



33.4012, -26.9935, -2.1528

Rectangle

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



33.4007, 2.2489, -41.7247



33.4012, 28.0397, -17.9161



33.4012, -5.6348, 19.7014



33.4012, -23.8179, 13.9845

Sweetspot

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



33.4012, 2.2496, -41.7239



69.5663, -6.0004, -11.5734



52.6852, -37.5573, 18.3179



31.7514, -2.8172, -6.5101



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



33.4012, 2.2496, -41.7239



39.1116, 11.1431, -72.3479



19.9701, 35.0013, -91.3572



27.1956, -1.8541, -0.5044



25.3526, 7.1995, -47.2302



4.7920, -0.8920, -4.0640

Inverse Universe

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



31.1439, 47.8957, -0.5820



39.3887, 69.2070, 4.7935



58.5738, -16.0194, 34.4994



26.7209, 1.3961, 0.7599



25.4813, 45.3698, 3.0378



3.8207, 7.0357, -1.3498

Previews

White Background



This preview shows how the HunterLab color 33.4007, 2.2489, -41.7247 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 33.4007, 2.2489, -41.7247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

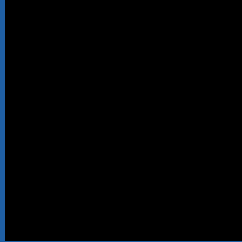
Any Text WCAG AA × Fail

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 33.4007, 2.2489, -41.7247 Background



This preview shows how black text looks on a background with the HunterLab color 33.4007, 2.2489, -41.7247.



This preview shows how white text looks on a background with the HunterLab color 33.4007, 2.2489, -41.7247.

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

33.4007, 2.2489, -41.7247

Protanopia

33.2821, 6.8453, -38.6184

Deuteranopia

33.4486, 2.4096, -41.6031



Tritanopia

33.2390, -16.1757, -6.6271

Trichromacy



Original Color

33.4007, 2.2489, -41.7247

Protanomaly

33.0625, 4.9045, -40.0070

Deuteranomaly

33.4243, 2.3281, -41.6648

Tritanomaly

33.1515, -10.5198, -17.5270

Monochromacy



Original Color

33.4007, 2.2489, -41.7247

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

30.4886, -2.7102, -11.6416

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4007, 2.2489, -41.7247 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(31, 95, 164)` looks like.

```
.text, #text, p{  
    color:rgb(31, 95, 164)  
}
```

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(31, 95, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 95, 164) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4007, 2.2489, -41.7247 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(31, 95, 164) }
```


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

```
.border{ border-color:rgb(31, 95, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 95, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 95, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 95, 164);  
box-shadow:4px 4px 4px 4px rgb(31, 95,  
164) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.4007, 2.2489, -41.7247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 95, 164) }
```

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

```
.background{ background-color: rgb(31, 95,  
164) }
```

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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