

Converting Colors

Hex(69FF2B)

Have a look what the booklet for
Hex(69FF2B) contains.

Hex(69FF2B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(69FF2B)

Conversions

Conversions Part 1

Format	Color
Hex	69FF2B
RGB	105, 255, 43
RGB Percent	41%, 100%, 17%
CMY	0.5882, 0.0000, 0.8314
CMYK	0.59, 0.00, 0.83, 0.00
HSL	102°, 100%, 58%
HSV	102°, 83%, 100%
XYZ	42.0217, 74.6977, 14.4888
YIQ	185.9820, -21.3480, -97.7320

Conversions

Conversions Part 2

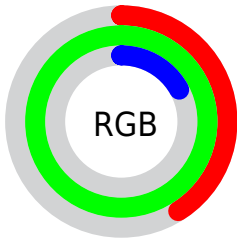
Format	Color
RYB	43, 255, 193
Decimal	6946603
CIELab	89.25, -72.77, 79.36
CIELCh	89, 107.670, 132.517
Yxy	74.6977, 0.3203, 0.5693
Android (android.graphics.Color)	4285136683 (0xFF69FF2B)
YUV	185.9820, -70.4901, -71.0212
Hunter-Lab	86.4278, -64.4609, 50.5601

Details

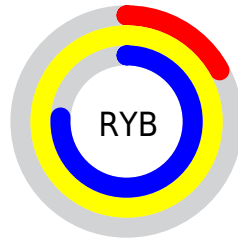
The Hex color **69FF2B** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **C12BFF**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **AAFF6D**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **57FF12**, and if you desaturate by 10%, it is **7BFF45**.

Distribution



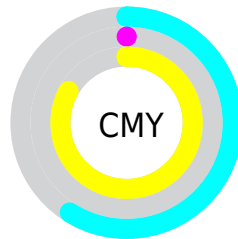
- Red (41%)
- Green (100%)
- Blue (17%)



- Red (17%)
- Yellow (100%)
- Blue (76%)



- Cyan (59%)
- Magenta (0%)
- Yellow (83%)
- Black (0%)




- Cyan (59%)
- Magenta (0%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69FF2B 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 Hex color 69FF2B by changing the saturation by 10% instead.

 69FF2B

 69FF2B

FFFFFF

 44E200


 AAFF6D

 00C500

 CAFF8B

 00A900

 E9FFA8

 008D00

 FFFFC5

 007200

 FFFF E3

 005800

 003F00

 002600

 000000

 69FF2B

 69FF2B

 57FF12

 7BFF45

 4BFF00

 8DFF5E

 9FFF78

 B1FF91

 C3FFAB

 D5FFC4

 E7FFDE

 F9FFF7

FFFFFF

Harmonies

Analogous

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



E5E900



69FF2B



00FF9E

Triad

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



69FF2B



00DFFF



FF68BA

Complementary

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



69FF2B



C12BFF

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.



FF78FF



69FF2B



00DFFF

Square

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



69FF2B



00FFFF



FFAFFF



FF9358

Rectangle

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



69FF2B



00FFE6



FFAFFF



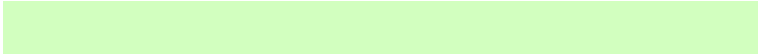
FF65DC

Sweetspot

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



69FF2B



D2FFBF



FFBF2B



648059



000000



808080

Same Dimension

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



69FF2B



4BFF00



2BFF55



768073



38BF00



134000

Inverse Universe

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



C12BFF



B400FF



FF2BD5



7C7380



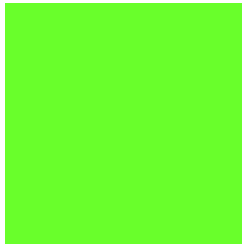
8700BF



2D0040

Previews

White Background



This preview shows how the Hex color 69FF2B looks on a white background.

Color Contrast Check

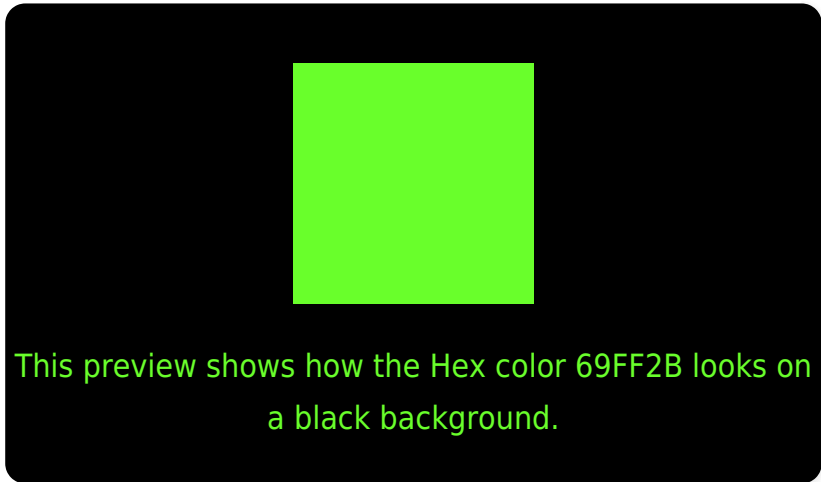
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

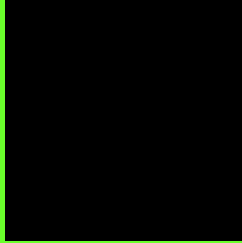
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

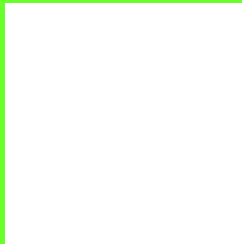
Any Text WCAG AAA ✓ Pass

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

Hex 69FF2B Background



This preview shows how black text looks on a background with the Hex color 69FF2B.

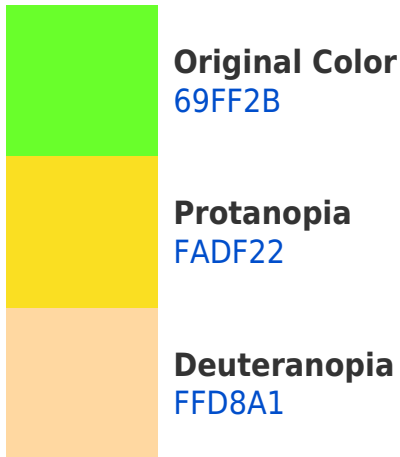


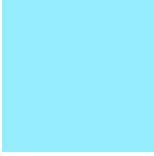
This preview shows how white text looks on a background with the Hex color 69FF2B.

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](#).

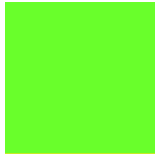
Dichromacy





Tritanopia
96EDFF

Trichromacy



Original Color
69FF2B



Protanomaly
C5EB25

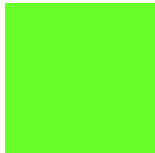


Deuteranomaly
C8E676

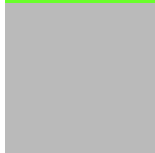


Tritanomaly
86F4B2

Monochromacy



Original Color
69FF2B



Achromatopsia
BABABA



Achromatomaly
9DD386

CSS Examples

Text

The CSS property to change the color of the text to Hex 69FF2B 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 #69FF2B looks like.

```
.text, #text, p{  
    color:#69FF2B  
}
```

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 #69FF2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69FF2B
}
```

Border

The CSS property to change the border of an element to Hex 69FF2B 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
#69FF2B }
```

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

```
.border{ border-color:#69FF2B }
```

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

Here you see how a box with a 4 pixel #69FF2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69FF2B; -webkit-box-shadow:4px 4px  
4px 4px #69FF2B; box-shadow:4px 4px 4px  
4px #69FF2B }
```

Background

The CSS property to change the background color of an element to Hex 69FF2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69FF2B }
```

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

```
.background{ background-color:#69FF2B }
```

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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