

Converting Colors

Hex(72EE5B)

Have a look what the booklet for
Hex(72EE5B) contains.

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Color

Hex(72EE5B)

Conversions

Conversions Part 1

Format	Color
Hex	72EE5B
RGB	114, 238, 91
RGB Percent	45%, 93%, 36%
CMY	0.5529, 0.0667, 0.6431
CMYK	0.52, 0.00, 0.62, 0.07
HSL	111°, 81%, 65%
HSV	111°, 62%, 93%
XYZ	39.4023, 65.4818, 20.4601
YIQ	184.1660, -26.7170, -72.0050

Conversions

Conversions Part 2

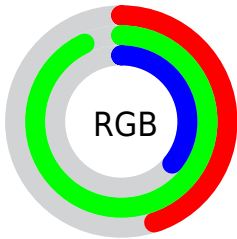
Format	Color
RYB	91, 238, 215
Decimal	7532123
CIELab	84.73, -61.37, 59.12
CIELCh	85, 85.213, 136.069
Yxy	65.4818, 0.3144, 0.5224
Android (android.graphics.Color)	4285722203 (0xFF72EE5B)
YUV	184.1660, -45.9308, -61.5356
Hunter-Lab	80.9208, -54.6955, 41.6537

Details

The Hex color **72EE5B** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **D75BEE**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **AEFF92**, and **2EB521** is the 20% darker color. If you saturate the color by 10%, you get **5EEE43**, and if you desaturate by 10%, it is **86EE73**.

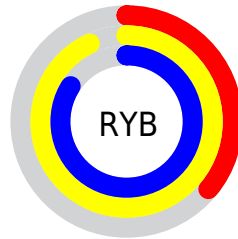
Distribution



Red (45%)

Green (93%)

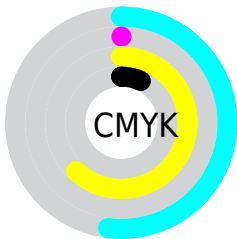
Blue (36%)



Red (36%)

Yellow (93%)

Blue (84%)

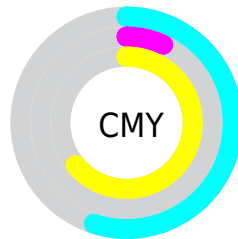


Cyan (52%)

Magenta (0%)

Yellow (62%)

Black (7%)



Cyan (55%)

Magenta (7%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72EE5B 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 72EE5B by changing the saturation by 10% instead.

 72EE5B

 72EE5B


FFFFFF

 52D13F

 AEFF92

 2EB521

 CDFFAE

 009900

 EBFFCA

 007E00

 FFFFE7

 006400

 004B00

 003400

 001900

 000000

 72EE5B

 72EE5B

 5EEE43

 86EE73

 4AEE2B

 9AEE8B

 36EE14

 AEEEA2

 25EE00

 C2EEBA

 D6EED2

 EAEEEE

 FFEEFF

Harmonies

Analogous

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



D2DD14



72EE5B



00F7AA

Triad

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



72EE5B



00E7FF



FF85AC

Complementary

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



72EE5B



D75BEE

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.



FF8AFD



72EE5B



82CEFF

Square

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



72EE5B



00F5FF



FFAAFF



FFA062

Rectangle

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



72EE5B



00F9E2



FFAAFF



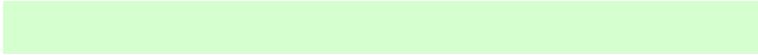
FF82C7

Sweetspot

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



72EE5B



D6FFCF



EED55B



678062



000000



808080

Same Dimension

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



72EE5B



60FF42



5BEE8C



6E786C



1DB800



093800

Inverse Universe

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



D75BEE



E142FF



EE5BBD



766C78



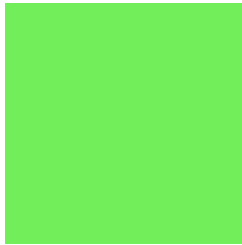
9B00B8



2F0038

Previews

White Background



This preview shows how the Hex color 72EE5B 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 Hex color 72EE5B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

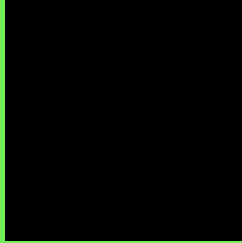
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

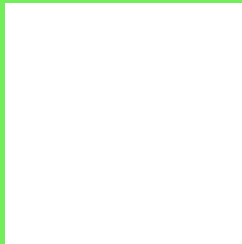
Any Text WCAG AAA ✓ Pass

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

Hex 72EE5B Background



This preview shows how black text looks on a background with the Hex color 72EE5B.

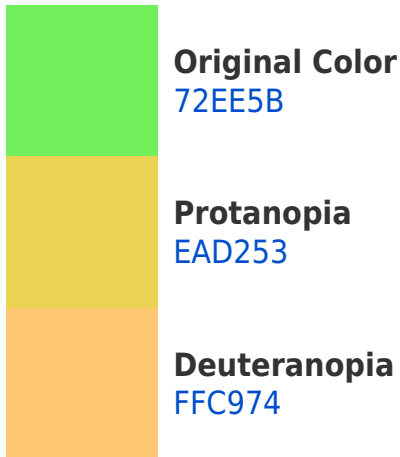


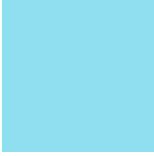
This preview shows how white text looks on a background with the Hex color 72EE5B.

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
90DFF1

Trichromacy



Original Color
72EE5B



Protanomaly
BEDC56

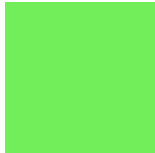


Deuteranomaly
CCD66B



Tritanomaly
85E4BA

Monochromacy



Original Color
72EE5B



Achromatopsia
B8B8B8



Achromatomaly
9FCC96

CSS Examples

Text

The CSS property to change the color of the text to Hex 72EE5B 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 #72EE5B looks like.

```
.text, #text, p{  
    color:#72EE5B  
}
```

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 #72EE5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72EE5B
}
```

Border

The CSS property to change the border of an element to Hex 72EE5B 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
#72EE5B }
```

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

```
.border{ border-color:#72EE5B }
```

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

Here you see how a box with a 4 pixel #72EE5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72EE5B; -webkit-box-shadow:4px 4px  
4px 4px #72EE5B; box-shadow:4px 4px 4px  
4px #72EE5B }
```

Background

The CSS property to change the background color of an element to Hex 72EE5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72EE5B }
```

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

```
.background{ background-color:#72EE5B }
```

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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