

Converting Colors

Hex(63EE52)

Have a look what the booklet for
Hex(63EE52) contains.

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Color

Hex(63EE52)

Conversions

Conversions Part 1

Format	Color
Hex	63EE52
RGB	99, 238, 82
RGB Percent	39%, 93%, 32%
CMY	0.6118, 0.0667, 0.6784
CMYK	0.58, 0.00, 0.66, 0.07
HSL	113°, 82%, 63%
HSV	113°, 66%, 93%
XYZ	37.2431, 64.4109, 18.4523
YIQ	178.6550, -32.7680, -77.9840

Conversions

Conversions Part 2

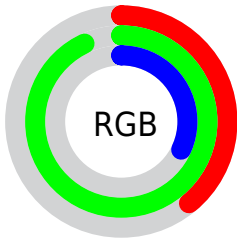
Format	Color
RYB	82, 238, 221
Decimal	6549074
CIELab	84.18, -65.93, 62.05
CIELCh	84, 90.531, 136.737
Yxy	64.4109, 0.3101, 0.5363
Android (android.graphics.Color)	4284739154 (0xFF63EE52)
YUV	178.6550, -47.6509, -69.8574
Hunter-Lab	80.2564, -57.6155, 42.5477

Details

The Hex color **63EE52** 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 **DD52EE**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **A2FF8A**, and **05B511** is the 20% darker color. If you saturate the color by 10%, you get **4EEE3A**, and if you desaturate by 10%, it is **78EE6A**.

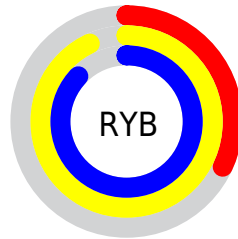
Distribution



Red (39%)

Green (93%)

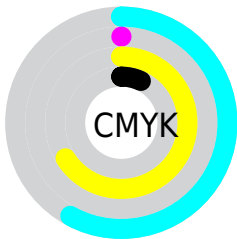
Blue (32%)



Red (32%)

Yellow (93%)

Blue (87%)

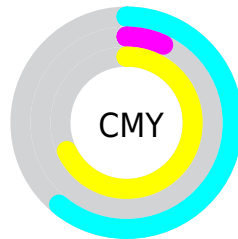


Cyan (58%)

Magenta (0%)

Yellow (66%)

Black (7%)



Cyan (61%)

Magenta (7%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63EE52 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 63EE52 by changing the saturation by 10% instead.

 63EE52

 63EE52


FFFFFF

 40D135

 A2FF8A

 05B511

 C0FFA6

 009900

 DFFFC2

 007E00

 FEFFDF

 006400

FFFFFFD

 004A00

 003300

 001700

 000000

 63EE52

 63EE52

 4EEE3A

 78EE6A

 39EE22

 8DEE82

 23EE0B

 A3EE99

 1AEE00

 B8EEB1

 CDEEC9

 E2EEE1

 F7EEF9

 FFE EFF

Harmonies

Analogous

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



CDDD00



63EE52



00F7A8

Triad

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



63EE52



00E7FF



FF7BA6

Complementary

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



63EE52



DD52EE

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.



FF7FFC



63EE52



79CBFF

Square

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



63EE52



00F5FF



FFA4FF



FF9B57

Rectangle

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



63EE52



00F9E4



FFA4FF



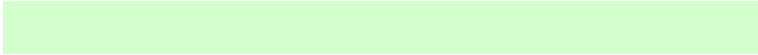
FF77C2

Sweetspot

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



63EE52



D2FFCC



EEDC52



648061



000000



808080

Same Dimension

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



63EE52



4CFF36



52EE8E



6D786C



14B800



063800

Inverse Universe

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



DD52EE



E936FF



EE52B2



776C78



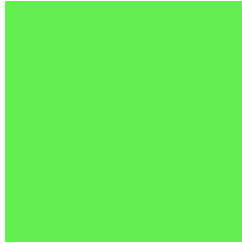
A400B8



320038

Previews

White Background



This preview shows how the Hex color 63EE52 looks on a white background.

Color Contrast Check

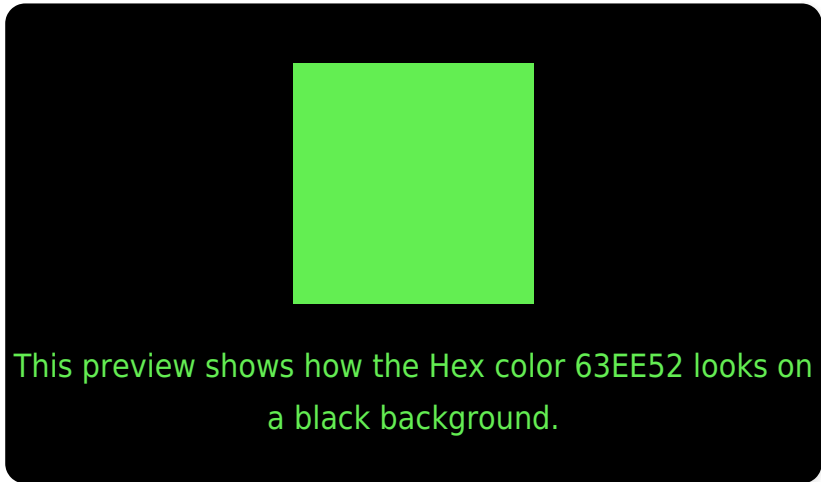
Large Text (above 18pt) WCAG AA × Fail

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

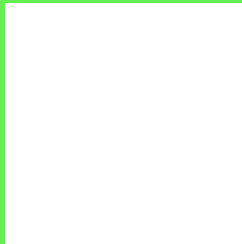
Any Text WCAG AAA ✓ Pass

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

Hex 63EE52 Background



This preview shows how black text looks on a background with the Hex color 63EE52.

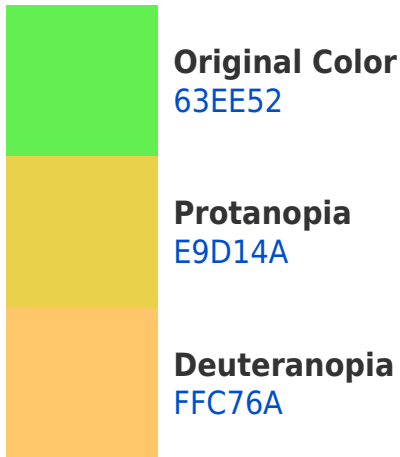


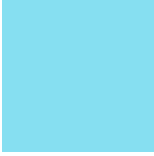
This preview shows how white text looks on a background with the Hex color 63EE52.

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
86DFF1

Trichromacy



Original Color
63EE52



Protanomaly
B8DC4D



Deuteranomaly
C6D561

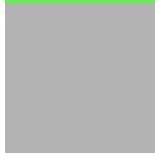


Tritanomaly
79E4B7

Monochromacy



Original Color
63EE52



Achromatopsia
B3B3B3



Achromatomaly
96C890

CSS Examples

Text

The CSS property to change the color of the text to Hex 63EE52 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 #63EE52 looks like.

```
.text, #text, p{  
    color:#63EE52  
}
```

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 #63EE52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63EE52
}
```

Border

The CSS property to change the border of an element to Hex 63EE52 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
#63EE52 }
```

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

```
.border{ border-color:#63EE52 }
```

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

Here you see how a box with a 4 pixel #63EE52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63EE52; -webkit-box-shadow:4px 4px  
4px 4px #63EE52; box-shadow:4px 4px 4px  
4px #63EE52 }
```

Background

The CSS property to change the background color of an element to Hex 63EE52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63EE52 }
```

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

```
.background{ background-color:#63EE52 }
```

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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