

Converting Colors

Hex(23F606)

Have a look what the booklet for
Hex(23F606) contains.

Hex(23F606)	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(23F606)

Conversions

Conversions Part 1

Format	Color
Hex	23F606
RGB	35, 246, 6
RGB Percent	14%, 96%, 2%
CMY	0.8627, 0.0353, 0.9765
CMYK	0.86, 0.00, 0.98, 0.04
HSL	113°, 95%, 49%
HSV	113°, 98%, 96%
XYZ	33.6818, 66.2820, 11.1908
YIQ	155.5510, -48.7160, -119.3720

Conversions

Conversions Part 2

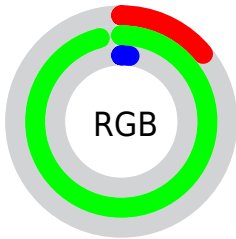
Format	Color
RYB	6, 246, 217
Decimal	2356742
CIELab	85.14, -82.12, 80.70
CIELCh	85, 115.135, 135.502
Yxy	66.2820, 0.3030, 0.5963
Android (android.graphics.Color)	4280546822 (0xFF23F606)
YUV	155.5510, -73.7286, -105.7232
Hunter-Lab	81.4138, -68.6267, 48.8399

Details

The Hex color **23F606** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **D906F6**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **7DFF5C**, and **00BC00** is the 20% darker color. If you saturate the color by 10%, you get **1EF600**, and if you desaturate by 10%, it is **39F61F**.

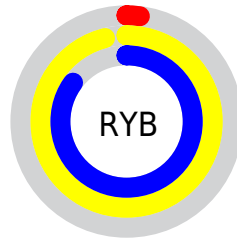
Distribution



Red (14%)

Green (96%)

Blue (2%)



Red (2%)

Yellow (96%)

Blue (85%)

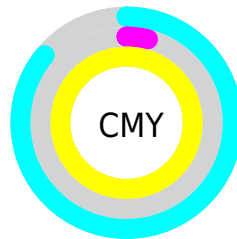


Cyan (86%)

Magenta (0%)

Yellow (98%)

Black (4%)



Cyan (86%)

Magenta (4%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23F606 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 23F606 by changing the saturation by 10% instead.

 23F606

 23F606

FFFFFF

 00D900

 7DFF5C

 00BC00

 A0FF7A

 00A000

 C0FF98

 008400

 E1FFB5

 006900

 FFFFD3

 004F00

 FFFFF1

 003600

 001B00

 000000

 23F606

 23F606

 1EF600

 39F61F

 4EF637

 64F650

 7AF668

 8FF681

 A5F69A

 BAF6B2

 D0F6CB

 E6F6E3

Harmonies

Analogous

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



CCE100



23F606



00FF9A

Triad

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



23F606



00F1FF



FF42A2

Complementary

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



23F606



D906F6

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.



FF51FF



23F606



00CFFF

Square

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



23F606



00FFFF



FF98FF



FF8435

Rectangle

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



23F606



00FE7



FF98FF



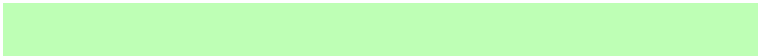
FF37C6

Sweetspot

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



23F606



BEFFB5



F6D606



588053



000000



808080

Same Dimension

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



23F606



1FFF00



06F65E



707A6E



16BA00



073B00

Inverse Universe

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



D906F6



E000FF



F6069E



796E7A



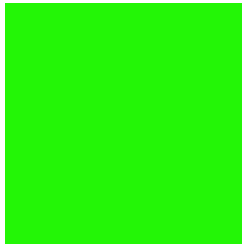
A400BA



34003B

Previews

White Background



This preview shows how the Hex color 23F606 looks on a white background.

Color Contrast Check

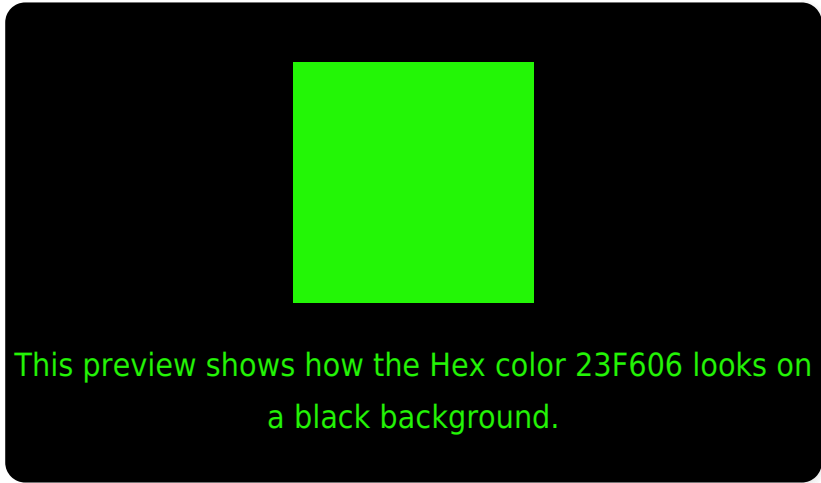
Large Text (above 18pt) WCAG AA × Fail

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 23F606 Background



This preview shows how black text looks on a background with the Hex color 23F606.



This preview shows how white text looks on a background with the Hex color 23F606.

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](#).

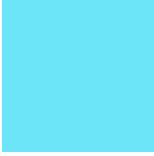
Dichromacy



Original Color
23F606

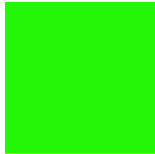
Protanopia
EED300

Deuteranopia
FFCA6D



Tritanopia
6BE5F7

Trichromacy



Original Color
23F606



Protanomaly
A4E002

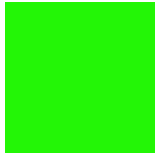


Deuteranomaly
AFDA48



Tritanomaly
51EB9F

Monochromacy



Original Color
23F606



Achromatopsia
9C9C9C



Achromatomaly
70BD65

CSS Examples

Text

The CSS property to change the color of the text to Hex 23F606 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 #23F606 looks like.

```
.text, #text, p{  
    color:#23F606  
}
```

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 #23F606 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23F606
}
```

Border

The CSS property to change the border of an element to Hex 23F606 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".

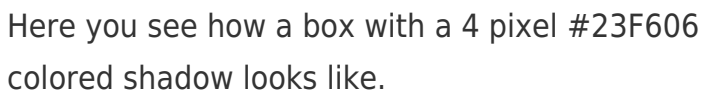
```
.border, #border, table{ border:4px solid
#23F606 }
```

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

```
.border{ border-color:#23F606 }
```

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

Here you see how a box with a 4 pixel #23F606 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23F606; -webkit-box-shadow:4px 4px  
4px 4px #23F606; box-shadow:4px 4px 4px  
4px #23F606 }
```

Background

The CSS property to change the background color of an element to Hex 23F606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23F606 }
```

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

```
.background{ background-color:#23F606 }
```

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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