

Converting Colors

Hex(5EB412)

Have a look what the booklet for
Hex(5EB412) contains.

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Color

Hex(5EB412)

Conversions

Conversions Part 1

Format	Color
Hex	5EB412
RGB	94, 180, 18
RGB Percent	37%, 71%, 7%
CMY	0.6314, 0.2941, 0.9294
CMYK	0.48, 0.00, 0.90, 0.29
HSL	92°, 82%, 39%
HSV	92°, 90%, 71%
XYZ	21.0465, 35.0659, 6.2314
YIQ	135.8180, 0.7460, -68.6140

Conversions

Conversions Part 2

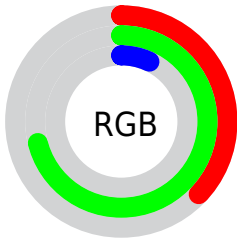
Format	Color
RYB	18, 180, 104
Decimal	6206482
CIELab	65.80, -50.09, 63.96
CIELCh	66, 81.241, 128.067
Yxy	35.0659, 0.3376, 0.5625
Android (android.graphics.Color)	4284396562 (0xFF5EB412)
YUV	135.8180, -58.0843, -36.6744
Hunter-Lab	59.2164, -40.1868, 35.2124

Details

The Hex color **5EB412** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **6812B4**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **98ED53**, and **1C7E00** is the 20% darker color. If you saturate the color by 10%, you get **54B400**, and if you desaturate by 10%, it is **68B424**.

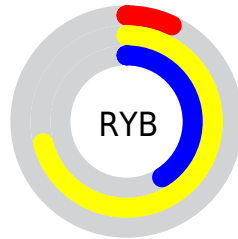
Distribution



Red (37%)

Green (71%)

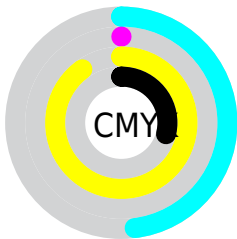
Blue (7%)



Red (7%)

Yellow (71%)

Blue (41%)

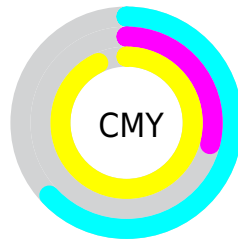


Cyan (48%)

Magenta (0%)

Yellow (90%)

Black (29%)



Cyan (63%)

Magenta (29%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EB412 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 5EB412 by changing the saturation by 10% instead.



5EB412



5EB412

FFFFFF



409900



98ED53



1C7E00



B5FF6F



006400



D3FF8B



004C00



F0FFA7



003400



FFFFC3



001D00



FFFFE0



000000

FFFFFFE



5EB412



5EB412

 54B400

 68B424

 71B436

 7BB448

 84B45A

 8EB46C

 97B47E

 A1B490

 AAB4A2

 B4B4B4

Harmonies

Analogous

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



AEA300



5EB412



00BD66

Triad

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



5EB412



00B6FF



FF4C8F

Complementary

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



5EB412



6812B4

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.



FF5DD8



5EB412



00A3FF

Square

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



5EB412



00BFF9



B983FF



FF6549

Rectangle

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



5EB412



00C099



B983FF



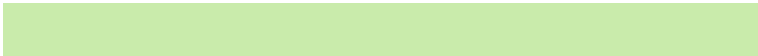
FF4CA8

Sweetspot

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



5EB412



C9EBAB



B46612



617550



F5F5F5



757575

Same Dimension

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



5EB412



6EEB00



12B415



555950



489900



0C1A00

Inverse Universe

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



6812B4



7D00EB



B412B1



555059



510099



0E001A

Previews

White Background



This preview shows how the Hex color 5EB412 looks on a white background.

Color Contrast Check

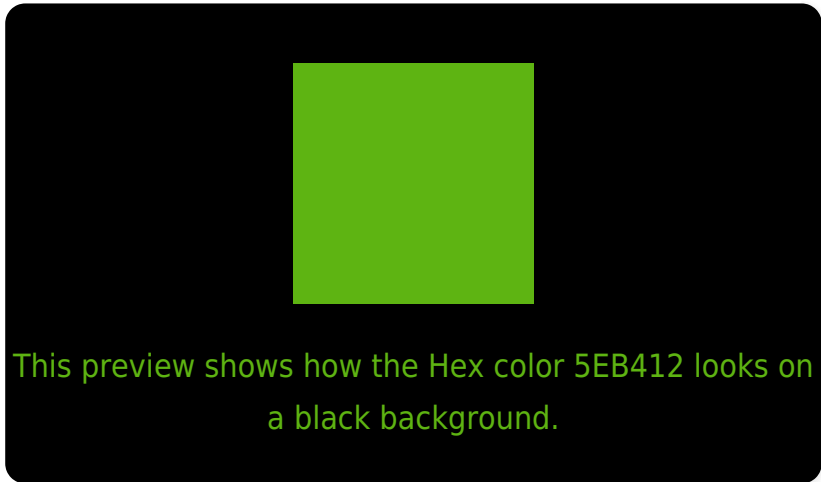
Large Text (above 18pt) WCAG AA × Fail

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 5EB412 Background



This preview shows how black text looks on a background with the Hex color 5EB412.



This preview shows how white text looks on a background with the Hex color 5EB412.

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
5EB412

Protanopia
B39F07

Deuteranopia
C89728



Tritanopia
75A7B5

Trichromacy



Original Color
5EB412



Protanomaly
94A70B



Deuteranomaly
A1A220



Tritanomaly
6DAC7A

Monochromacy



Original Color
5EB412



Achromatopsia
888888



Achromatomaly
79985D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EB412 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 #5EB412 looks like.

```
.text, #text, p{  
    color:#5EB412  
}
```

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 #5EB412 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EB412
}
```

Border

The CSS property to change the border of an element to Hex 5EB412 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
#5EB412 }
```

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

```
.border{ border-color:#5EB412 }
```

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

Here you see how a box with a 4 pixel #5EB412 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EB412; -webkit-box-shadow:4px 4px  
4px 4px #5EB412; box-shadow:4px 4px 4px  
4px #5EB412 }
```

Background

The CSS property to change the background color of an element to Hex 5EB412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EB412 }
```

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

```
.background{ background-color:#5EB412 }
```

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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