

Converting Colors

Hex(5DA112)

Have a look what the booklet for
Hex(5DA112) contains.

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Color

Hex(5DA112)

Conversions

Conversions Part 1

Format	Color
Hex	5DA112
RGB	93, 161, 18
RGB Percent	36%, 63%, 7%
CMY	0.6353, 0.3686, 0.9294
CMYK	0.42, 0.00, 0.89, 0.37
HSL	89°, 80%, 35%
HSV	89°, 89%, 63%
XYZ	17.3683, 27.8606, 5.0345
YIQ	124.3660, 5.3750, -58.8890

Conversions

Conversions Part 2

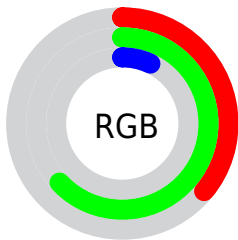
Format	Color
RYB	18, 161, 86
Decimal	6136082
CIELab	59.76, -42.83, 58.84
CIELCh	60, 72.778, 126.051
Yxy	27.8606, 0.3455, 0.5543
Android (android.graphics.Color)	4284326162 (0xFF5DA112)
YUV	124.3660, -52.4384, -27.5080
Hunter-Lab	52.7831, -33.6351, 31.2931

Details

The Hex color **5DA112** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5612A1**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **95D850**, and **226D00** is the 20% darker color. If you saturate the color by 10%, you get **55A102**, and if you desaturate by 10%, it is **65A122**.

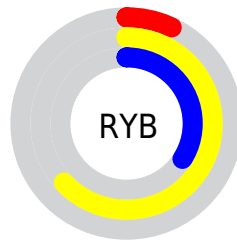
Distribution



Red (36%)

Green (63%)

Blue (7%)



Red (7%)

Yellow (63%)

Blue (34%)

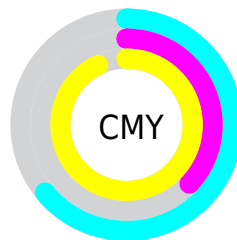


Cyan (42%)

Magenta (0%)

Yellow (89%)

Black (37%)



Cyan (64%)

Magenta (37%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DA112 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 5DA112 by changing the saturation by 10% instead.



5DA112



5DA112

FFFFFF



418600



95D850



226D00



B2F56B



005400



CFFF86



003C00



ECFFA2



002700



FFFFBE



000000



FFFADB



FFFFF8



5DA112



5DA112

■ 55A102

■ 65A122

■ 54A100

■ 6CA132

■ 74A142

■ 7CA152

■ 83A162

■ 8BA173

■ 93A183

■ 9AA193

■ A2A1A3

Harmonies

Analogous

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



A19100



5DA112



00A959

Triad

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



5DA112



00A4FF



FF4886

Complementary

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



5DA112



5612A1

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.



E658C5



5DA112



0094FF

Square

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



5DA112



00ACDA



A079F8



F85B48

Rectangle

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



5DA112



00AC85



A079F8



FC4A9B

Sweetspot

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



5DA112



B6D199



A15512



596947



E8E8E8



696969

Same Dimension

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



5DA112



6ED100



17A112



4E5249



4C9100



091200

Inverse Universe

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



5612A1



6300D1



9C12A1



4D4952



450091



080012

Previews

White Background



This preview shows how the Hex color 5DA112 looks on a white background.

Color Contrast Check

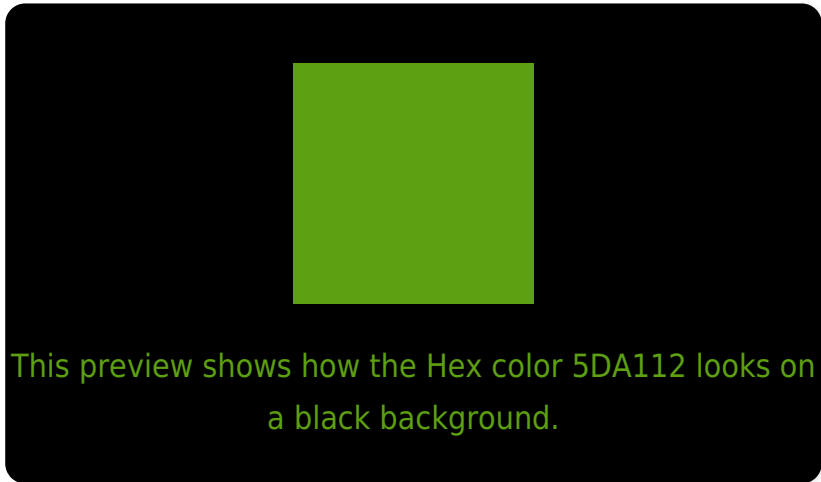
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 5DA112 Background



This preview shows how black text looks on a background with the Hex color 5DA112.



This preview shows how white text looks on a background with the Hex color 5DA112.

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
5DA112

Protanopia
A2900B

Deuteranopia
B48824



Tritanopia
7096A2

Trichromacy



Original Color
5DA112

Protanomaly
89960E

Deuteranomaly
94911D

Tritanomaly
699A6E

Monochromacy



Original Color
5DA112

Achromatopsia
7C7C7C

Achromatomaly
718955

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DA112 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 #5DA112 looks like.

```
.text, #text, p{  
    color:#5DA112  
}
```

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 #5DA112 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA112
}
```

Border

The CSS property to change the border of an element to Hex 5DA112 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
#5DA112 }
```

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

```
.border{ border-color:#5DA112 }
```

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

Here you see how a box with a 4 pixel #5DA112 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA112; -webkit-box-shadow:4px 4px  
4px 4px #5DA112; box-shadow:4px 4px 4px  
4px #5DA112 }
```

Background

The CSS property to change the background color of an element to Hex 5DA112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA112 }
```

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

```
.background{ background-color:#5DA112 }
```

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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