

Converting Colors

Hex(52B114)

Have a look what the booklet for
Hex(52B114) contains.

Hex(52B114)	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(52B114)

Conversions

Conversions Part 1

Format	Color
Hex	52B114
RGB	82, 177, 20
RGB Percent	32%, 69%, 8%
CMY	0.6784, 0.3059, 0.9216
CMYK	0.54, 0.00, 0.89, 0.31
HSL	96°, 80%, 39%
HSV	96°, 89%, 69%
XYZ	19.3281, 33.2886, 6.0685
YIQ	130.6970, -6.2230, -68.9670

Conversions

Conversions Part 2

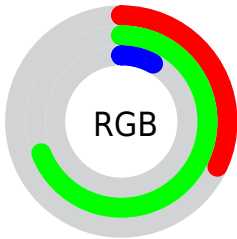
Format	Color
RYB	20, 177, 115
Decimal	5419284
CIELab	64.39, -52.50, 62.21
CIELCh	64, 81.405, 130.159
Yxy	33.2886, 0.3294, 0.5672
Android (android.graphics.Color)	4283609364 (0xFF52B114)
YUV	130.6970, -54.5736, -42.7073
Hunter-Lab	57.6963, -41.1716, 34.1513

Details

The Hex color **52B114** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **7314B1**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **8DE953**, and **007B00** is the 20% darker color. If you saturate the color by 10%, you get **47B102**, and if you desaturate by 10%, it is **5DB126**.

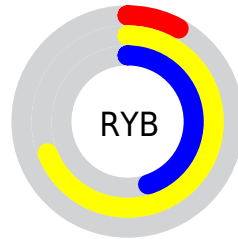
Distribution



Red (32%)

Green (69%)

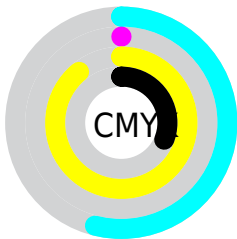
Blue (8%)



Red (8%)

Yellow (69%)

Blue (45%)

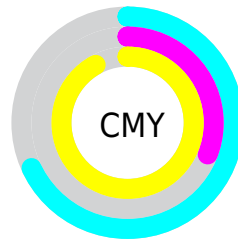


Cyan (54%)

Magenta (0%)

Yellow (89%)

Black (31%)



Cyan (68%)

Magenta (31%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52B114 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 52B114 by changing the saturation by 10% instead.



52B114



52B114

FFFFFF



329600



8DE953



007B00



A AFF6F



006200



C7FF8B



004900



E5FFA7



003200



FFFFC3



001800



FFFFE0



000000

FFFFFFE



52B114



52B114

 47B102

 5DB126

 46B100

 67B137

 72B149

 7DB15B

 88B16C

 92B17E

 9DB190

 A8B1A2

 B2B1B3

Harmonies

Analogous

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



A5A100



52B114



00B968

Triad

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



52B114



00B1FF



FF4787

Complementary

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



52B114



7314B1

Split Complementary

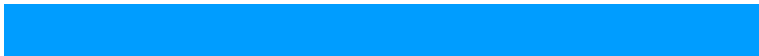
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF56CF



52B114



009DFF

Square

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



52B114



00BBF9



BC7CFF



FF6341

Rectangle

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



52B114



00BC9A



BC7CFF



FF469F

Sweetspot

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



52B114



C0E6A8



B17214



5D734E



F2F2F2



737373

Same Dimension

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



52B114



5BE600



14B124



545950



3C9900



0A1A00

Inverse Universe

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



7314B1



8B00E6



B114A1



565059



5D0099



0F001A

Previews

White Background



This preview shows how the Hex color 52B114 looks on a white background.

Color Contrast Check

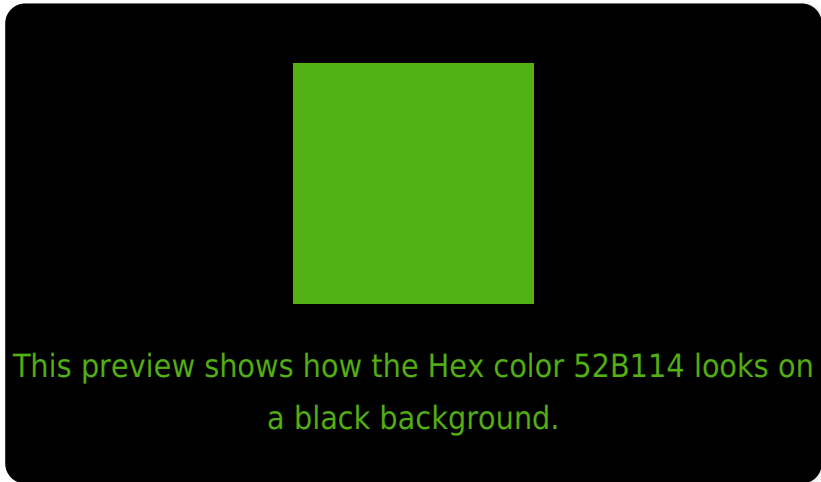
Large Text (above 18pt) WCAG AA × Fail

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 52B114 Background



This preview shows how black text looks on a background with the Hex color 52B114.



This preview shows how white text looks on a background with the Hex color 52B114.

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
52B114

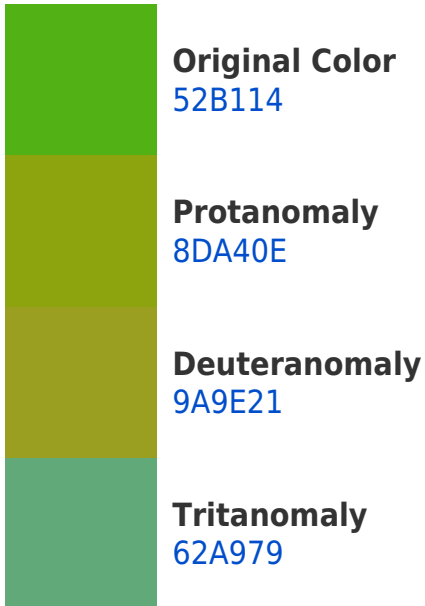
Protanopia
AF9C0B

Deuteranopia
C39329



Tritanopia
6BA5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 52B114 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 #52B114 looks like.

```
.text, #text, p{  
    color:#52B114  
}
```

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 #52B114 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52B114
}
```

Border

The CSS property to change the border of an element to Hex 52B114 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
#52B114 }
```

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

```
.border{ border-color:#52B114 }
```

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

Here you see how a box with a 4 pixel #52B114 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52B114; -webkit-box-shadow:4px 4px  
4px 4px #52B114; box-shadow:4px 4px 4px  
4px #52B114 }
```

Background

The CSS property to change the background color of an element to Hex 52B114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52B114 }
```

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

```
.background{ background-color:#52B114 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor