

# Converting Colors

Hex(52B564)

Have a look what the booklet for  
Hex(52B564) contains.

<b>Hex(52B564)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(52B564)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52B564
RGB	82, 181, 100
RGB Percent	32%, 71%, 39%
CMY	0.6784, 0.2902, 0.6078
CMYK	0.55, 0.00, 0.45, 0.29
HSL	131°, 40%, 52%
HSV	131°, 55%, 71%
XYZ	22.3038, 35.7617, 17.7838
YIQ	142.1650, -33.0030, -46.1790

# Conversions

## Conversions Part 2

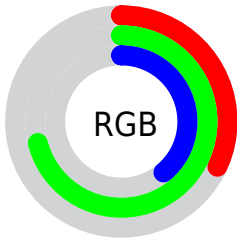
Format	Color
<a href="#">RYB</a>	<a href="#">82, 166, 181</a>
Decimal	<a href="#">5420388</a>
CIELab	<a href="#">66.34, -46.50, 32.64</a>
CIElCh	<a href="#">66, 56.811, 144.937</a>
Yxy	<a href="#">35.7617, 0.2941, 0.4715</a>
Android (android.graphics.Color)	<a href="#">4283610468 (0xFF52B564)</a>
YUV	<a href="#">142.1650, -20.7873, -52.7647</a>
Hunter-Lab	<a href="#">59.8011, -38.0774, 24.2290</a>

# Details

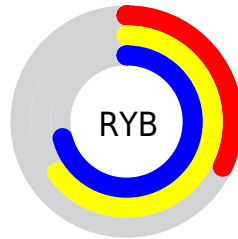
The Hex color **52B564** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B552A3**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **8BEE98**, and **0B7F33** is the 20% darker color. If you saturate the color by 10%, you get **40B555**, and if you desaturate by 10%, it is **64B573**.

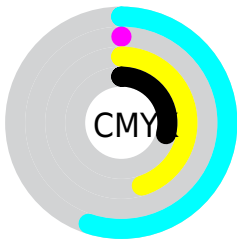
# Distribution



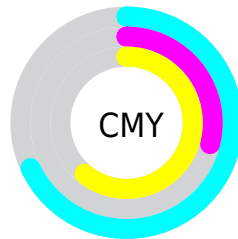
- Red (32%)
- Green (71%)
- Blue (39%)



- Red (32%)
- Yellow (65%)
- Blue (71%)



- Cyan (55%)
- Magenta (0%)
- Yellow (45%)
- Black (29%)



- Cyan (68%)
- Magenta (29%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52B564 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 52B564 by changing the saturation by 10% instead.



 52B564

 52B564

FFFFFF

 349A4B

 8BEE98

 0B7F33

 A7FFB3

 00651B

 C4FFCF

 004C02

 E1FFEB

 003500

 001E00

 000000

 52B564

 52B564

 40B555

 64B573

 2EB546

 76B582

 1CB538

 88B590

 0AB529

 9AB59F

 00B521

 ADB5AE

 BFB5BD

 D1B5CC

 E3B5DA

 F5B5E9

# Harmonies

## Analogous

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



93AB3E



52B564



00BA97

# Triad

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



52B564



00AAFF



FE7779

# Complementary

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



52B564



B552A3

# 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.



FA74AC



52B564



9597FE

# Square

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



52B564



00B5F4



D782DD



EA884E

# Rectangle

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



52B564



00BABA



D782DD



FF748A



# Sweetspot

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



52B564



C5EBCC



A5B552



5F7563



F5F5F5



757575



# Same Dimension

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



52B564



50EB6C



52B594



505952



00991C



001A05



# Inverse Universe

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



B552A3



EB50CE



B55273



595058



99007D



1A0015



# Previews

## White Background



This preview shows how the Hex color 52B564 looks on a white background.

## Color Contrast Check

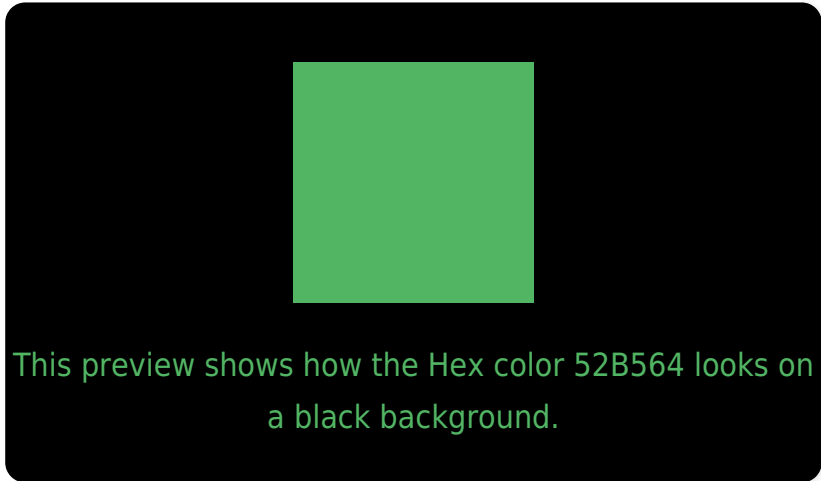
Large Text (above 18pt) WCAG AA × Fail

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

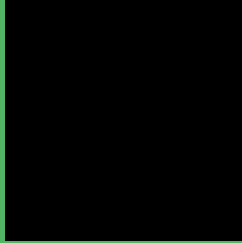
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 52B564 Background



This preview shows how black text looks on a background with the Hex color 52B564.

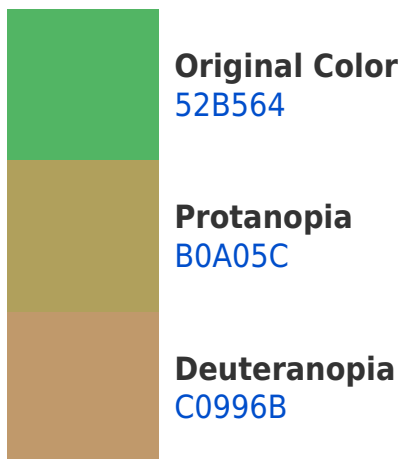


This preview shows how white text looks on a background with the Hex color 52B564.

# 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**  
67ABB9

# Trichromacy



**Original Color**  
52B564



**Protanomaly**  
8EA85F



**Deuteranomaly**  
98A368



**Tritanomaly**  
5FAF9A

# Monochromacy



**Original Color**  
52B564



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
789C7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52B564 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 #52B564 looks like.

```
.text, #text, p{  
    color:#52B564  
}
```

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 #52B564 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52B564
}
```

## Border

The CSS property to change the border of an element to Hex 52B564 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
#52B564 }
```

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

```
.border{ border-color:#52B564 }
```

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

Here you see how a box with a 4 pixel #52B564 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52B564; -webkit-box-shadow:4px 4px  
4px 4px #52B564; box-shadow:4px 4px 4px  
4px #52B564 }
```

# Background

The CSS property to change the background color of an element to Hex 52B564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52B564 }
```

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

```
.background{ background-color:#52B564 }
```

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