

# Converting Colors

Hex(5CB526)

Have a look what the booklet for  
Hex(5CB526) contains.

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**Color**

**Hex(5CB526)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5CB526
RGB	92, 181, 38
RGB Percent	36%, 71%, 15%
CMY	0.6392, 0.2902, 0.8510
CMYK	0.49, 0.00, 0.79, 0.29
HSL	97°, 65%, 43%
HSV	97°, 79%, 71%
XYZ	21.2874, 35.4630, 7.5568
YIQ	138.0870, -7.1410, -63.3410

# Conversions

## Conversions Part 2

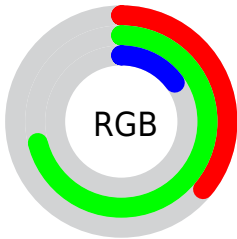
Format	Color
<a href="#">RYB</a>	<a href="#">38, 181, 127</a>
Decimal	<a href="#">6075686</a>
CIELab	<a href="#">66.11, -50.27, 59.37</a>
CIELCh	<a href="#">66, 77.796, 130.252</a>
Yxy	<a href="#">35.4630, 0.3310, 0.5515</a>
Android (android.graphics.Color)	<a href="#">4284265766 (0xFF5CB526)</a>
YUV	<a href="#">138.0870, -49.3429, -40.4183</a>
Hunter-Lab	<a href="#">59.5508, -40.4064, 34.1619</a>

# Details

The Hex color **5CB526** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **7F26B5**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **96EE5F**, and **197F00** is the 20% darker color. If you saturate the color by 10%, you get **51B514**, and if you desaturate by 10%, it is **67B538**.

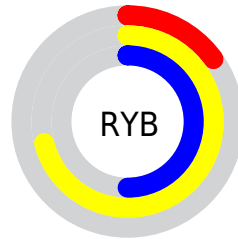
# Distribution



Red (36%)

Green (71%)

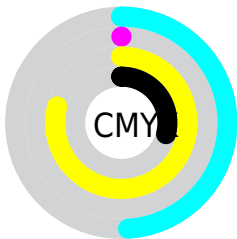
Blue (15%)



Red (15%)

Yellow (71%)

Blue (50%)

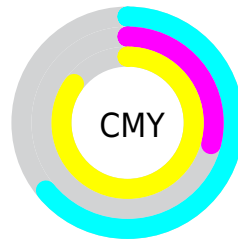


Cyan (49%)

Magenta (0%)

Yellow (79%)

Black (29%)



Cyan (64%)

Magenta (29%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CB526 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 5CB526 by changing the saturation by 10% instead.



 5CB526

 5CB526

FFFFFF

 3E9A00

 96EE5F

 197F00

 B3FF7A

 006500

 D0FF96

 004C00

 EEFFB2

 003500

 FFFFCE

 001E00

 FFFFEC

 000000

 5CB526

 5CB526

 51B514

 67B538

 45B502

 73B54A

 44B500

 7EB55C

 89B56E

 94B581

 A0B593

 ABB5A5

 B6B5B7

 C1B5C9

# Harmonies

## Analogous

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



ABA500



5CB526



00BD6E

# Triad

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



5CB526



00B5FF



FF548C

# Complementary

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



5CB526



7F26B5

# 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.



FF60D1



5CB526



00A1FF

# Square

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



5CB526



00BEFA



C182FF



FF6C49

# Rectangle

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



5CB526



00C09F



C182FF



FF54A3

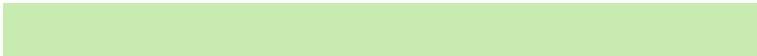


# Sweetspot

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



5CB526



C8EBB2



B57E26



607553



F5F5F5



757575



# Same Dimension

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



5CB526



60EB0C



26B537



545950



3A9900



0A1A00



# Inverse Universe

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



7F26B5



960CEB



B526A4



565059



5F0099



10001A



# Previews

## White Background



This preview shows how the Hex color 5CB526 looks on a white background.

## Color Contrast Check

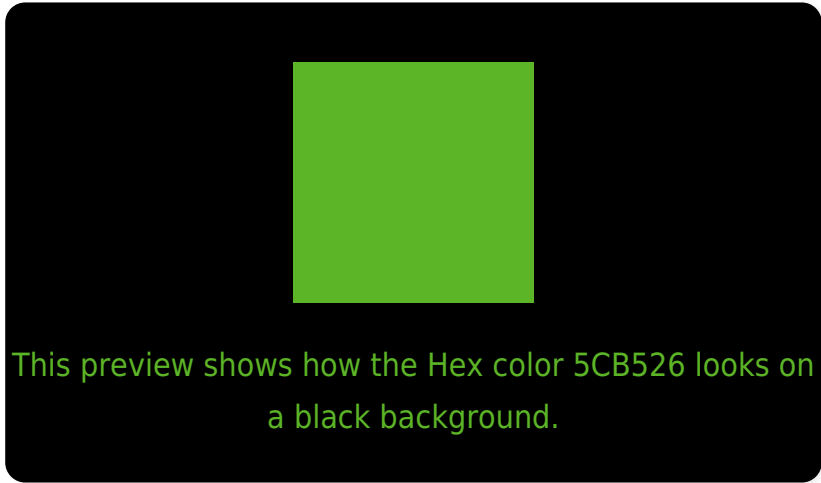
Large Text (above 18pt) WCAG AA × Fail

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 5CB526 Background



This preview shows how black text looks on a background with the Hex color 5CB526.

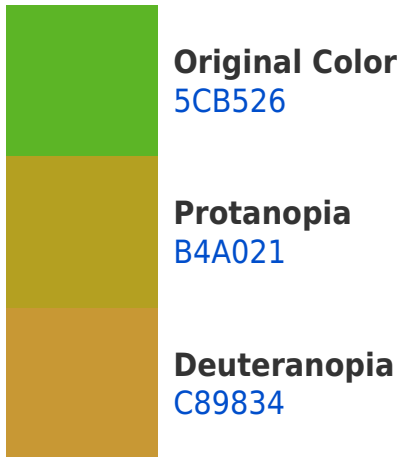


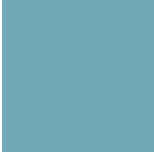
This preview shows how white text looks on a background with the Hex color 5CB526.

# 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](#).

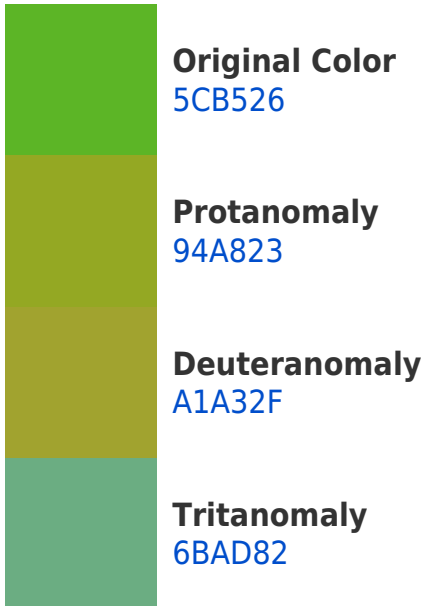
## Dichromacy



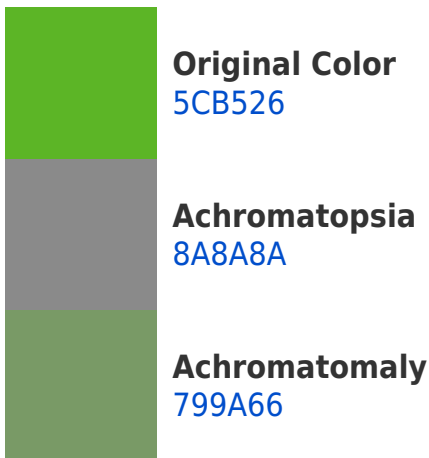


**Tritanopia**  
73A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CB526 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 #5CB526 looks like.

```
.text, #text, p{  
    color:#5CB526  
}
```

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 #5CB526 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CB526
}
```

## Border

The CSS property to change the border of an element to Hex 5CB526 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
#5CB526 }
```

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

```
.border{ border-color:#5CB526 }
```

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

Here you see how a box with a 4 pixel #5CB526 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CB526; -webkit-box-shadow:4px 4px  
4px 4px #5CB526; box-shadow:4px 4px 4px  
4px #5CB526 }
```

# Background

The CSS property to change the background color of an element to Hex 5CB526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CB526 }
```

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

```
.background{ background-color:#5CB526 }
```

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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