

# Converting Colors

Hex(56B324)

Have a look what the booklet for  
Hex(56B324) contains.

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**Color**

**Hex(56B324)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56B324
RGB	86, 179, 36
RGB Percent	34%, 70%, 14%
CMY	0.6627, 0.2980, 0.8588
CMYK	0.52, 0.00, 0.80, 0.30
HSL	99°, 67%, 42%
HSV	99°, 80%, 70%
XYZ	20.2763, 34.3460, 7.2298
YIQ	134.8910, -9.5250, -64.1890

# Conversions

## Conversions Part 2

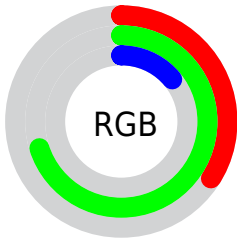
Format	Color
<a href="#">RYB</a>	<a href="#">36, 179, 129</a>
Decimal	<a href="#">5681956</a>
CIELab	<a href="#">65.24, -51.40, 59.07</a>
CIELCh	<a href="#">65, 78.304, 131.025</a>
Yxy	<a href="#">34.3460, 0.3278, 0.5553</a>
Android (android.graphics.Color)	<a href="#">4283872036</a> ( <a href="#">0xFF56B324</a> )
YUV	<a href="#">134.8910, -48.7533, -42.8774</a>
Hunter-Lab	<a href="#">58.6055, -40.8022, 33.7095</a>

# Details

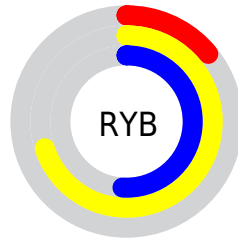
The Hex color **56B324** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8124B3**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **90EC5D**, and **0C7D00** is the 20% darker color. If you saturate the color by 10%, you get **4AB312**, and if you desaturate by 10%, it is **62B336**.

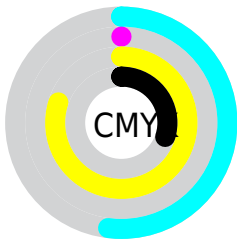
# Distribution



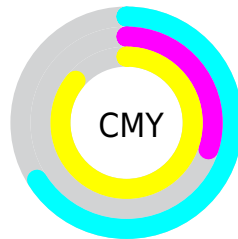
- Red (34%)
- Green (70%)
- Blue (14%)



- Red (14%)
- Yellow (70%)
- Blue (51%)



- Cyan (52%)
- Magenta (0%)
- Yellow (80%)
- Black (30%)



- Cyan (66%)
- Magenta (30%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56B324 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 56B324 by changing the saturation by 10% instead.





56B324



56B324

FFFFFF



379800



90EC5D



0C7D00



ADFF79



006300



CAFF94



004A00



E8FFB0



003300



FFFFCD



001B00



FFFEEA



000000



56B324



56B324



4AB312



62B336

 3FB300

 6DB348

 79B35A

 85B36C

 90B37E

 9CB38F

 A7B3A1

 B3B3B3

 BFB3C5

# Harmonies

## Analogous

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



A6A300



56B324



00BB6E

# Triad

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



56B324



00B2FF



FF5188

# Complementary

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



56B324



8124B3

# 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.



FF5CCE



56B324



009EFF

# Square

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



56B324



00BCF9



C17FFF



FF6A45

# Rectangle

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



56B324



00BE9F



C17FFF



FF509F



# Sweetspot

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



56B324



C4E8B0



B38124



5F7553



F5F5F5



757575



# Same Dimension

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



56B324



57E809



24B339



535950



359900



091A00



# Inverse Universe

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



8124B3



9A09E8



B3249E



565059



640099



11001A



# Previews

## White Background



This preview shows how the Hex color 56B324 looks on a white background.

## Color Contrast Check

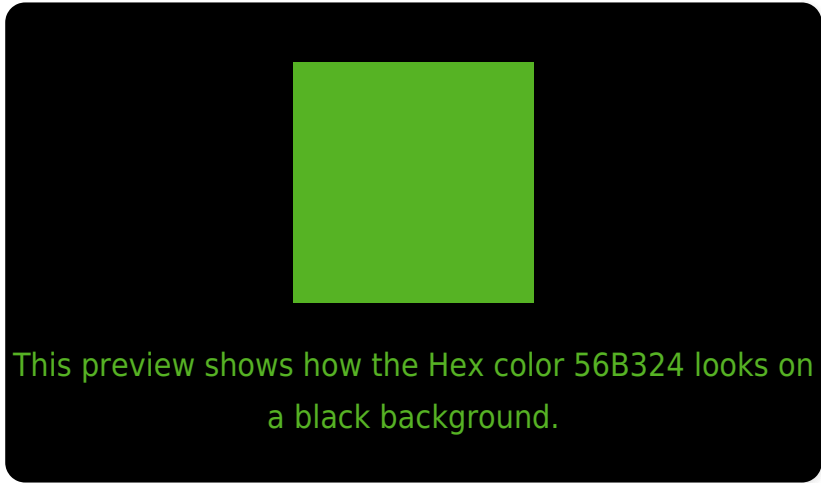
Large Text (above 18pt) WCAG AA × Fail

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 56B324 Background



This preview shows how black text looks on a background with the Hex color 56B324.

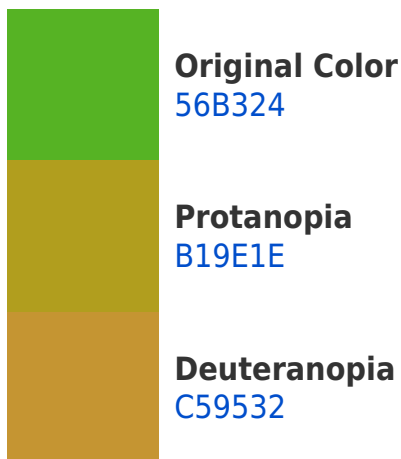


This preview shows how white text looks on a background with the Hex color 56B324.

# 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](#).

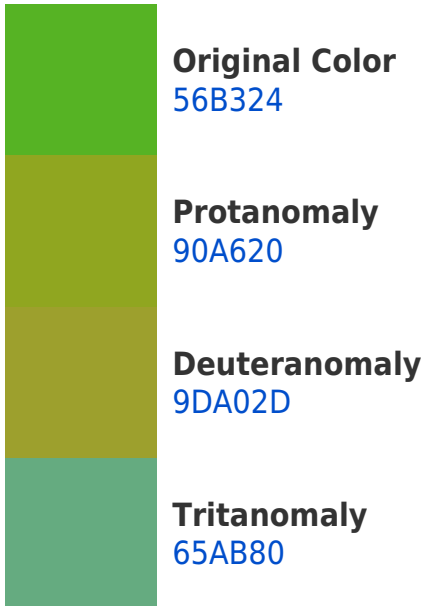
## Dichromacy





**Tritanopia**  
6EA7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56B324 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 #56B324 looks like.

```
.text, #text, p{  
    color:#56B324  
}
```

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 #56B324 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B324
}
```

## Border

The CSS property to change the border of an element to Hex 56B324 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
#56B324 }
```

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

```
.border{ border-color:#56B324 }
```

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

Here you see how a box with a 4 pixel #56B324 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B324; -webkit-box-shadow:4px 4px  
4px 4px #56B324; box-shadow:4px 4px 4px  
4px #56B324 }
```

# Background

The CSS property to change the background color of an element to Hex 56B324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B324 }
```

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

```
.background{ background-color:#56B324 }
```

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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