

# Converting Colors

Hex(546629)

Have a look what the booklet for  
Hex(546629) contains.

<b>Hex(546629)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(546629)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	546629
RGB	84, 102, 41
RGB Percent	33%, 40%, 16%
CMY	0.6706, 0.6000, 0.8392
CMYK	0.18, 0.00, 0.60, 0.60
HSL	78°, 43%, 28%
HSV	78°, 60%, 40%
XYZ	8.8078, 11.5477, 3.8625
YIQ	89.6640, 8.8530, -22.7870

# Conversions

## Conversions Part 2

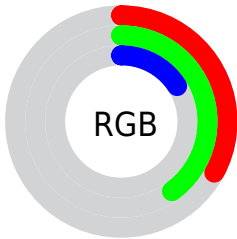
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 102, 59
Decimal	5531177
CIELab	40.49, -17.22, 31.68
CIELCh	40, 36.056, 118.529
Yxy	11.5477, 0.3637, 0.4768
Android (android.graphics.Color)	4283721257 (0xFF546629)
YUV	89.6640, -23.9914, -4.9673
Hunter-Lab	33.9818, -13.2027, 17.0481

# Details

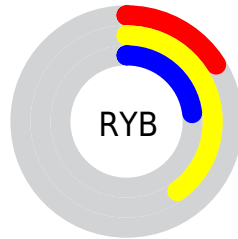
The Hex color **546629** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3B2966**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **879959**, and **253700** is the 20% darker color. If you saturate the color by 10%, you get **51661F**, and if you desaturate by 10%, it is **576633**.

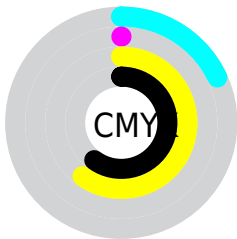
# Distribution



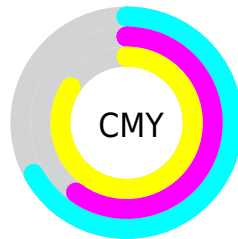
- Red (33%)
- Green (40%)
- Blue (16%)



- Red (16%)
- Yellow (40%)
- Blue (23%)



- Cyan (18%)
- Magenta (0%)
- Yellow (60%)
- Black (60%)



- Cyan (67%)
- Magenta (60%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 546629 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 546629 by changing the saturation by 10% instead.





546629



546629

FFFFFF



3C4E12



879959



253700



A2B472



0C2200



BDCF8C



000300



D9ECA6



000000



F6FFC2



FFFFDE



FFFFFFB



546629



546629

■ 51661F

■ 576633

■ 4E6615

■ 5A663D

■ 4B660A

■ 5D6648

■ 486600

■ 606652

■ 63665C

■ 666666

■ 696670

■ 6C667B

■ 6F6685

# Harmonies

## Analogous

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



715D22



546629



2E6B3F

# Triad

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



546629



006A91



944662

# Complementary

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



546629



3B2966

# 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.



824D7F



546629



1E639A

# Square

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



546629



006E7B



5E5893



954945

# Rectangle

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



546629



006D53



5E5893



90476C



# Sweetspot

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



546629



7E856D



663A29



3E4234



C2C2C2



424242



# Same Dimension

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



546629



688525



366629



31332E



517300



ABF200



# Inverse Universe

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



3B2966



412585



592966



2F2E33



220073



4700F2



# Previews

## White Background



This preview shows how the Hex color 546629 looks on a white background.

## Color Contrast Check

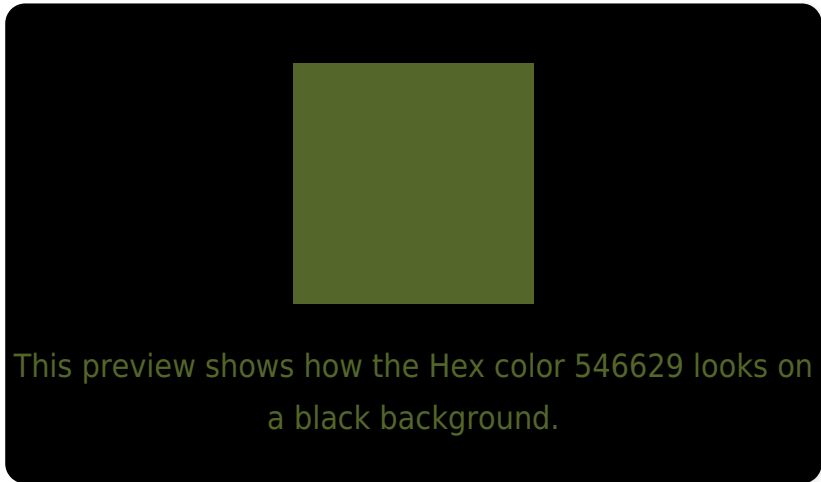
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

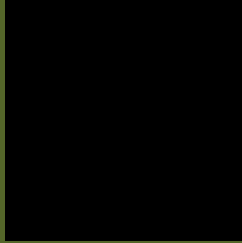
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 546629 Background



This preview shows how black text looks on a background with the Hex color 546629.



This preview shows how white text looks on a background with the Hex color 546629.

# 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**  
546629

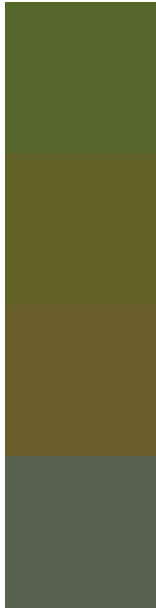
**Protanopia**  
6A5F27

**Deuteranopia**  
765B2C



**Tritanopia**  
5B6067

# Trichromacy



**Original Color**  
546629

**Protanomaly**  
626228

**Deuteranomaly**  
6A5F2B

**Tritanomaly**  
586250

# Monochromacy



**Original Color**  
546629

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
585E48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 546629 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 #546629 looks like.

```
.text, #text, p{  
    color:#546629  
}
```

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 #546629 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #546629
}
```

## Border

The CSS property to change the border of an element to Hex 546629 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
#546629 }
```

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

```
.border{ border-color:#546629 }
```

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

Here you see how a box with a 4 pixel #546629 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #546629; -webkit-box-shadow:4px 4px  
4px 4px #546629; box-shadow:4px 4px 4px  
4px #546629 }
```

# Background

The CSS property to change the background color of an element to Hex 546629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#546629 }
```

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

```
.background{ background-color:#546629 }
```

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