

# Converting Colors

Hex(547005)

Have a look what the booklet for  
Hex(547005) contains.

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**Color**

**Hex(547005)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	547005
RGB	84, 112, 5
RGB Percent	33%, 44%, 2%
CMY	0.6706, 0.5608, 0.9804
CMYK	0.25, 0.00, 0.96, 0.56
HSL	76°, 91%, 23%
HSV	76°, 96%, 44%
XYZ	9.4777, 13.4841, 2.2467
YIQ	91.4300, 17.6590, -39.2130

# Conversions

## Conversions Part 2

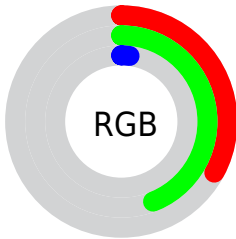
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	5, 112, 33
Decimal	5533701
CIE Lab	43.48, -24.54, 47.70
CIE LCh	43, 53.642, 117.220
Yxy	13.4841, 0.3760, 0.5349
Android (android.graphics.Color)	4283723781 (0xFF547005)
YUV	91.4300, -42.6100, -6.5161
Hunter-Lab	36.7207, -18.1899, 22.0769

# Details

The Hex color **547005** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **210570**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **89A440**, and **214000** is the 20% darker color. If you saturate the color by 10%, you get **537000**, and if you desaturate by 10%, it is **577010**.

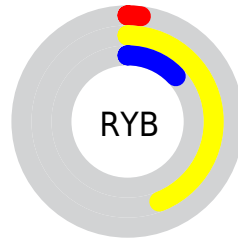
# Distribution



Red (33%)

Green (44%)

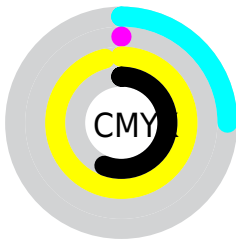
Blue (2%)



Red (2%)

Yellow (44%)

Blue (13%)

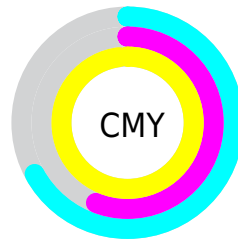


Cyan (25%)

Magenta (0%)

Yellow (96%)

Black (56%)



Cyan (67%)

Magenta (56%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 547005 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 547005 by changing the saturation by 10% instead.



 547005

 547005

FFFFFF

 3A5700

 89A440

 214000

 A4BF59

 042A00

 C0DB73

 001400

 DDF78E

 000000

 FAFFA9

 FFFFC5

 FFFF E2

 547005

 547005

■ 537000

■ 577010

■ 5A701B

■ 5D7027

■ 607032

■ 63703D

■ 667048

■ 697053

■ 6B705F

■ 6E706A

# Harmonies

## Analogous

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



7F6300



547005



007733

# Triad

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



547005



0077B1



B2386D

# Complementary

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



547005



210570

# 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.



984798



547005



006DC0

# Square

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



547005



007B8E



5D5DB6



B33E41

# Rectangle

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



547005



007A52



5D5DB6



AD3C7C



# Sweetspot

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



547005



869167



702005



434A30



C9C9C9



4A4A4A



# Same Dimension

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



547005



6B9100



207005



373832



587800



B7F700



# Inverse Universe

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



210570



260091



550570



343238



1F0078



4100F7



# Previews

## White Background



This preview shows how the Hex color 547005 looks on a white background.

## Color Contrast Check

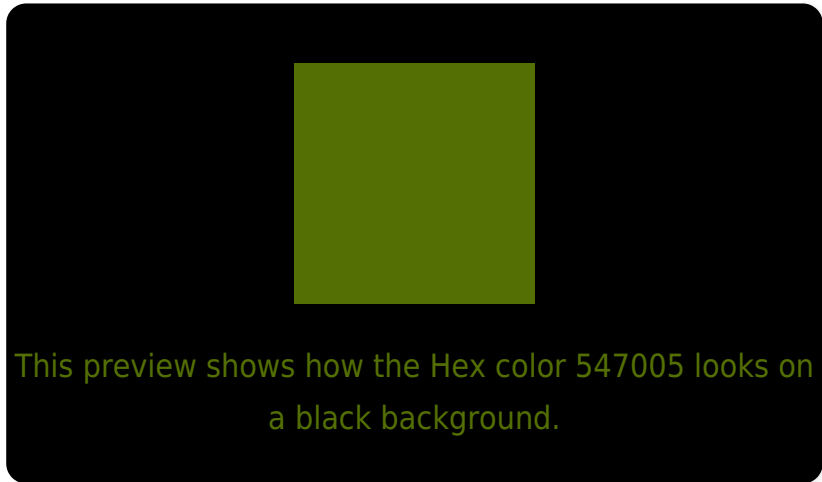
Large Text (above 18pt) WCAG AA ✓ Pass

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 547005 Background



This preview shows how black text looks on a background with the Hex color 547005.



This preview shows how white text looks on a background with the Hex color 547005.

# 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**  
5E6870

# Trichromacy



**Original Color**  
547005

**Protanomaly**  
686A02

**Deuteranomaly**  
71660F

**Tritanomaly**  
5A6B49

# Monochromacy



**Original Color**  
547005

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
58633C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 547005 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 #547005 looks like.

```
.text, #text, p{  
    color:#547005  
}
```

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 #547005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #547005
}
```

## Border

The CSS property to change the border of an element to Hex 547005 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".

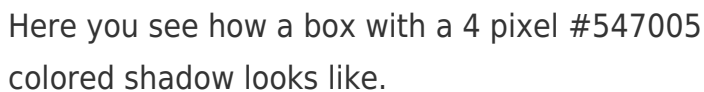
```
.border, #border, table{ border:4px solid
#547005 }
```

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

```
.border{ border-color:#547005 }
```

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

Here you see how a box with a 4 pixel #547005 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #547005; -webkit-box-shadow:4px 4px  
4px 4px #547005; box-shadow:4px 4px 4px  
4px #547005 }
```

# Background

The CSS property to change the background color of an element to Hex 547005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#547005 }
```

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

```
.background{ background-color:#547005 }
```

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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