

# Converting Colors

Hex(487A05)

Have a look what the booklet for  
Hex(487A05) contains.

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**Color**

**Hex(487A05)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	487A05
RGB	72, 122, 5
RGB Percent	28%, 48%, 2%
CMY	0.7176, 0.5216, 0.9804
CMYK	0.41, 0.00, 0.96, 0.52
HSL	86°, 92%, 25%
HSV	86°, 96%, 48%
XYZ	9.6594, 15.3077, 2.5892
YIQ	93.7120, 7.7570, -46.9870

# Conversions

## Conversions Part 2

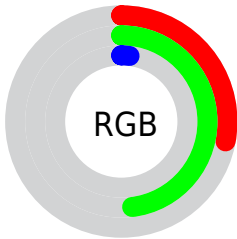
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	5, 122, 55
Decimal	4749829
CIE <sub>Lab</sub>	46.05, -34.14, 49.48
CIE <sub>LCh</sub>	46, 60.109, 124.605
Yxy	15.3077, 0.3505, 0.5555
Android (android.graphics.Color)	4282939909 (0xFF487A05)
YUV	93.7120, -43.7350, -19.0414
Hunter-Lab	39.1251, -24.3999, 23.4640

# Details

The Hex color **487A05** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **37057A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7EAF41**, and **104900** is the 20% darker color. If you saturate the color by 10%, you get **467A00**, and if you desaturate by 10%, it is **4D7A11**.

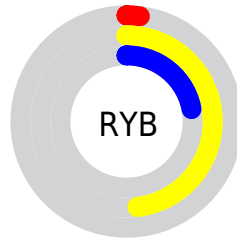
# Distribution



Red (28%)

Green (48%)

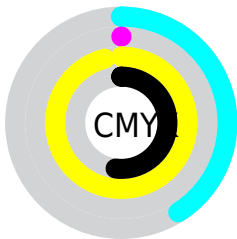
Blue (2%)



Red (2%)

Yellow (48%)

Blue (22%)

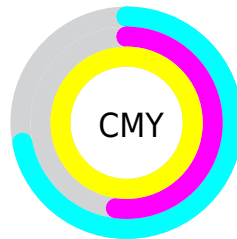


Cyan (41%)

Magenta (0%)

Yellow (96%)

Black (52%)



Cyan (72%)

Magenta (52%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 487A05 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 487A05 by changing the saturation by 10% instead.



 487A05

 487A05

FFFFFF

 2D6100

 7EAF41

 104900

 99CA5B

 003100

 B5E776

 001D00

 D2FF91

 000000

 EFFFAC

 FFFFC8

 FFFF E5

 487A05

 487A05

■ 467A00

■ 4D7A11

■ 527A1D

■ 587A2A

■ 5D7A36

■ 627A42

■ 677A4E

■ 6C7A5A

■ 727A67

■ 777A73

# Harmonies

## Analogous

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



7D6D00



487A05



00813F

# Triad

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



487A05



007DC8



C53467

# Complementary

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



487A05



37057A

# 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.



AF4299



487A05



0071D2

# Square

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



487A05



0083A5



765CC1



BF4237

# Rectangle

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



487A05



008362



765CC1



C13678



# Sweetspot

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



487A05



8B9E70



7A3605



434F33



CFCFCF



4F4F4F



# Same Dimension

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



487A05



5B9E00



0F7A05



3B3D37



487D00



91FC00



# Inverse Universe

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



37057A



44009E



70057A



3A373D



35007D



6C00FC



# Previews

## White Background



This preview shows how the Hex color 487A05 looks on a white background.

## Color Contrast Check

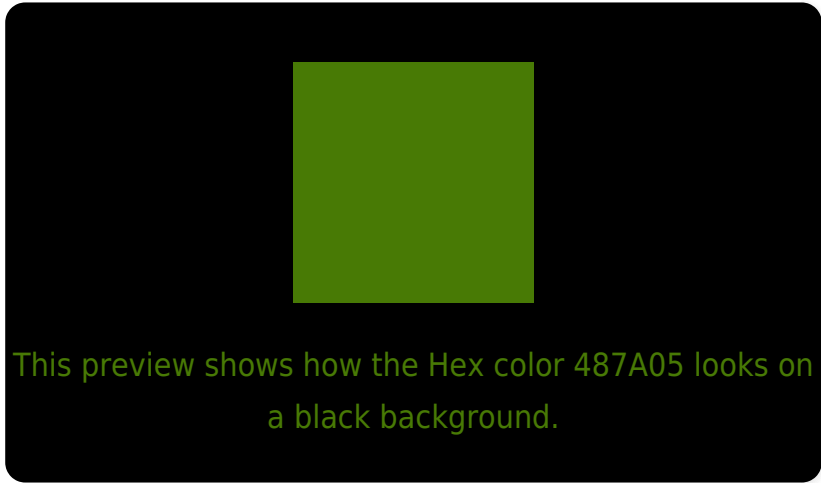
Large Text (above 18pt) WCAG AA ✓ Pass

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 487A05 Background



This preview shows how black text looks on a background with the Hex color 487A05.

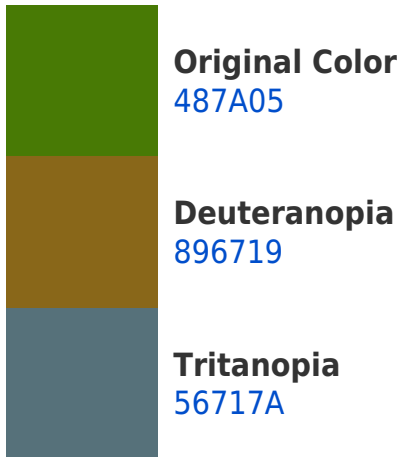


This preview shows how white text looks on a background with the Hex color 487A05.

# 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



# Trichromacy



**Original Color**  
487A05

**Deuteranomaly**  
716E12

**Tritanomaly**  
51744F

# Monochromacy



**Original Color**  
487A05

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
56683E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 487A05 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 #487A05 looks like.

```
.text, #text, p{  
    color:#487A05  
}
```

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 #487A05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #487A05
}
```

## Border

The CSS property to change the border of an element to Hex 487A05 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
#487A05 }
```

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

```
.border{ border-color:#487A05 }
```

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

Here you see how a box with a 4 pixel #487A05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #487A05; -webkit-box-shadow:4px 4px  
4px 4px #487A05; box-shadow:4px 4px 4px  
4px #487A05 }
```

# Background

The CSS property to change the background color of an element to Hex 487A05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#487A05 }
```

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

```
.background{ background-color:#487A05 }
```

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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