

# Converting Colors

Hex(425407)

Have a look what the booklet for  
Hex(425407) contains.

<b>Hex(425407)</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(425407)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	425407
RGB	66, 84, 7
RGB Percent	26%, 33%, 3%
CMY	0.7412, 0.6706, 0.9725
CMYK	0.21, 0.00, 0.92, 0.67
HSL	74°, 85%, 18%
HSV	74°, 92%, 33%
XYZ	5.4554, 7.5142, 1.3639
YIQ	69.8400, 13.9890, -27.7630

# Conversions

## Conversions Part 2

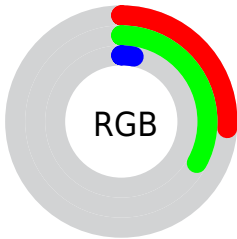
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">7, 84, 25</a>
Decimal	<a href="#">4346887</a>
CIELab	<a href="#">32.95, -18.12, 37.95</a>
CIELCh	<a href="#">33, 42.053, 115.524</a>
Yxy	<a href="#">7.5142, 0.3806, 0.5242</a>
Android (android.graphics.Color)	<a href="#">4282536967 (0xFF425407)</a>
YUV	<a href="#">69.8400, -30.9801, -3.3677</a>
Hunter-Lab	<a href="#">27.4121, -12.4469, 16.2385</a>

# Details

The Hex color **425407** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **190754**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **75863A**, and **122700** is the 20% darker color. If you saturate the color by 10%, you get **405400**, and if you desaturate by 10%, it is **44540F**.

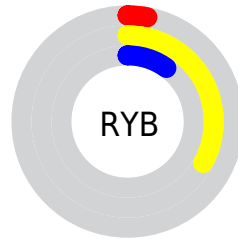
# Distribution



Red (26%)

Green (33%)

Blue (3%)



Red (3%)

Yellow (33%)

Blue (10%)

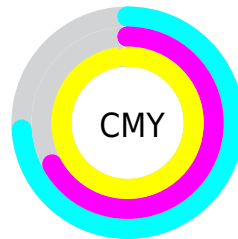


Cyan (21%)

Magenta (0%)

Yellow (92%)

Black (67%)



Cyan (74%)

Magenta (67%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 425407 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 425407 by changing the saturation by 10% instead.



 425407

 425407

 FFFFF5

 2B3D00

 75863A

 122700

 8FA053

 001200

 AABB6C

 000000

 C6D686

 E3F3A1

 FFFFBC

 FFFFD8

 425407

 425407

■ 405400

■ 44540F

■ 465418

■ 485420

■ 4A5429

■ 4C5431

■ 4E5439

■ 505442

■ 52544A

■ 545453

# Harmonies

## Analogous

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



624A00



425407



0E5A26

# Triad

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



425407



005A84



862C54

# Complementary

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



425407



190754

# 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.



713874



425407



005390

# Square

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



425407



005D69



43478A



882F33

# Rectangle

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



425407



005C3C



43478A



812F5F



# Sweetspot

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



425407



666E4F



541907



343825



B8B8B8



383838



# Same Dimension

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



425407



546E00



1C5407



282925



506900



B2E800



# Inverse Universe

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



190754



1A006E



3F0754



262529



180069



3600E8



# Previews

## White Background



This preview shows how the Hex color 425407 looks on a white background.

## Color Contrast Check

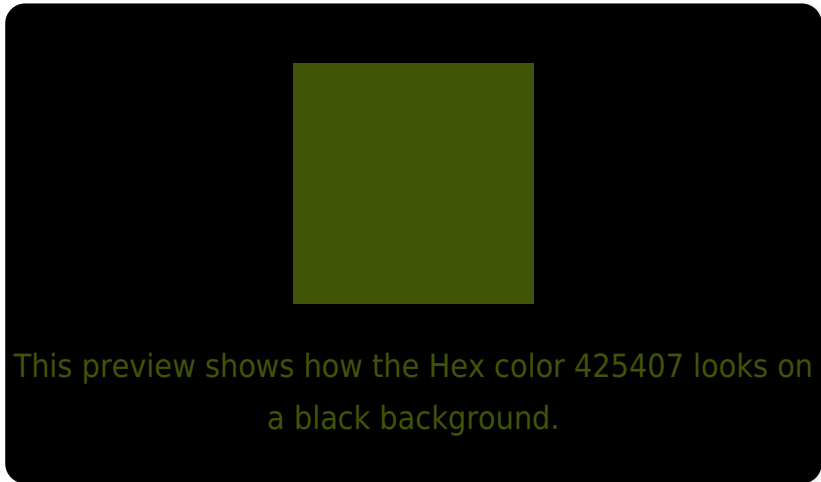
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

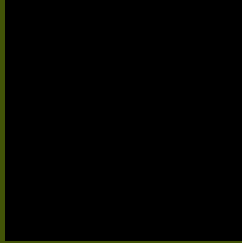
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 425407 Background



This preview shows how black text looks on a background with the Hex color 425407.



This preview shows how white text looks on a background with the Hex color 425407.

# 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](#).

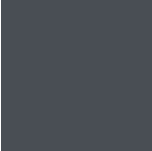
## Dichromacy



**Original Color**  
425407

**Protanopia**  
574E03

**Deuteranopia**  
624910



**Tritanopia**  
494E54

# Trichromacy



**Original Color**  
425407

**Protanomaly**  
4F5004

**Deuteranomaly**  
564D0D

**Tritanomaly**  
465038

# Monochromacy



**Original Color**  
425407

**Achromatopsia**  
464646

**Achromatomaly**  
454B2F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 425407 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 #425407 looks like.

```
.text, #text, p{  
    color:#425407  
}
```

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 #425407 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #425407
}
```

## Border

The CSS property to change the border of an element to Hex 425407 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
#425407 }
```

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

```
.border{ border-color:#425407 }
```

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

Here you see how a box with a 4 pixel #425407 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #425407; -webkit-box-shadow:4px 4px  
4px 4px #425407; box-shadow:4px 4px 4px  
4px #425407 }
```

# Background

The CSS property to change the background color of an element to Hex 425407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#425407 }
```

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

```
.background{ background-color:#425407 }
```

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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