

# Converting Colors

Hex(667437)

Have a look what the booklet for  
Hex(667437) contains.

<b>Hex(667437)</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(667437)**

# Conversions

## Conversions Part 1

Format	Color
Hex	667437
RGB	102, 116, 55
RGB Percent	40%, 45%, 22%
CMY	0.6000, 0.5451, 0.7843
CMYK	0.12, 0.00, 0.53, 0.55
HSL	74°, 36%, 34%
HSV	74°, 53%, 45%
XYZ	12.4145, 15.5914, 5.9696
YIQ	104.8600, 11.2370, -21.9390

# Conversions

## Conversions Part 2

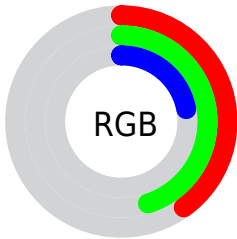
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 116, 69
Decimal	6714423
CIELab	46.43, -15.42, 31.67
CIElCh	46, 35.222, 115.969
Yxy	15.5914, 0.3654, 0.4589
Android (android.graphics.Color)	4284904503 (0xFF667437)
YUV	104.8600, -24.5810, -2.5082
Hunter-Lab	39.4859, -12.9796, 18.6766

# Details

The Hex color **667437** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **453774**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9AA868**, and **354408** is the 20% darker color. If you saturate the color by 10%, you get **63742B**, and if you desaturate by 10%, it is **697443**.

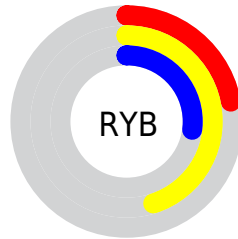
# Distribution



Red (40%)

Green (45%)

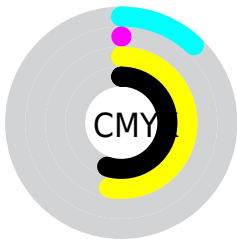
Blue (22%)



Red (22%)

Yellow (45%)

Blue (27%)

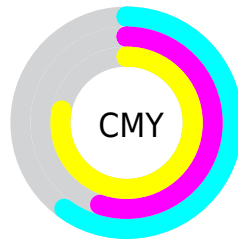


Cyan (12%)

Magenta (0%)

Yellow (53%)

Black (55%)



Cyan (60%)

Magenta (55%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 667437 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 667437 by changing the saturation by 10% instead.





667437



667437

FFFFFF



4D5B20



9AA868



354408



B6C381



1F2E00



D2DF9C



001A00



EEFCB7



000000



FFFFD3



FFFFEF



667437



667437



63742B



697443

■ 617420

■ 6B744E

■ 5E7414

■ 6E745A

■ 5B7409

■ 717465

■ 597400

■ 737471

■ 76747D

■ 797488

■ 7B7494

■ 7E749F

# Harmonies

## Analogous

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



836B32



667437



427A4C

# Triad

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



667437



00799E



A25673

# Complementary

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



667437



453774

# 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.



8F5D8F



667437



3072A9

# Square

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



667437



007D87



6A68A3



A55756

# Rectangle

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



667437



1F7C5F



6A68A3



9E577D



# Sweetspot

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



667437



91967E



744437



494D3E



CCCCCC



4D4D4D



# Same Dimension

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



667437



819638



487437



393B35



5E7A00



C1FA00



# Inverse Universe

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



453774



4D3896



633774



36353B



1C007A



3900FA



# Previews

## White Background



This preview shows how the Hex color 667437 looks on a white background.

## Color Contrast Check

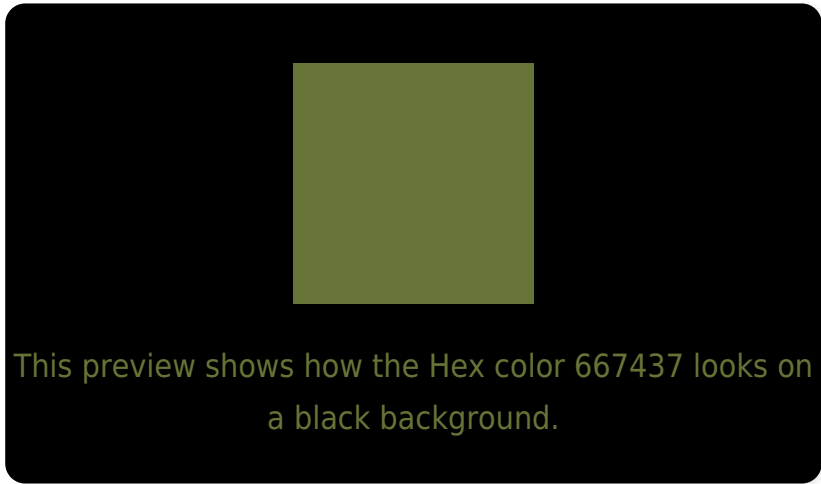
Large Text (above 18pt) WCAG AA ✓ Pass

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

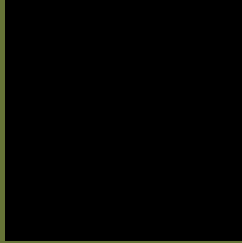
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 667437 Background



This preview shows how black text looks on a background with the Hex color 667437.



This preview shows how white text looks on a background with the Hex color 667437.

# 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**  
667437

**Protanopia**  
7A6E35

**Deuteranopia**  
87693A



**Tritanopia**  
6D6D76

# Trichromacy



**Original Color**  
667437

**Protanomaly**  
737036

**Deuteranomaly**  
7B6D39

**Tritanomaly**  
6A705F

# Monochromacy



**Original Color**  
667437

**Achromatopsia**  
696969

**Achromatomaly**  
686D57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 667437 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 #667437 looks like.

```
.text, #text, p{  
    color:#667437  
}
```

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 #667437 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #667437
}
```

## Border

The CSS property to change the border of an element to Hex 667437 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
#667437 }
```

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

```
.border{ border-color:#667437 }
```

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

Here you see how a box with a 4 pixel #667437 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #667437; -webkit-box-shadow:4px 4px  
4px 4px #667437; box-shadow:4px 4px 4px  
4px #667437 }
```

# Background

The CSS property to change the background color of an element to Hex 667437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#667437 }
```

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

```
.background{ background-color:#667437 }
```

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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