

Converting Colors

Hex(446017)

Have a look what the booklet for
Hex(446017) contains.

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Color

Hex(446017)

Conversions

Conversions Part 1

Format	Color
Hex	446017
RGB	68, 96, 23
RGB Percent	27%, 38%, 9%
CMY	0.7333, 0.6235, 0.9098
CMYK	0.29, 0.00, 0.76, 0.62
HSL	83°, 61%, 23%
HSV	83°, 76%, 38%
XYZ	6.7214, 9.6565, 2.3203
YIQ	79.3060, 6.7450, -28.6390

Conversions

Conversions Part 2

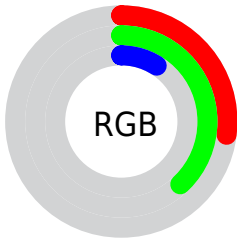
Format	Color
R_{YB}	23, 96, 51
Decimal	4481047
CIE _{Lab}	37.22, -22.63, 36.31
CIE _{LCh}	37, 42.781, 121.930
Yxy	9.6565, 0.3595, 0.5164
Android (android.graphics.Color)	4282671127 (0xFF446017)
YUV	79.3060, -27.7589, -9.9154
Hunter-Lab	31.0750, -15.7722, 17.3255

Details

The Hex color **446017** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **331760**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **779348**, and **143100** is the 20% darker color. If you saturate the color by 10%, you get **40600D**, and if you desaturate by 10%, it is **486021**.

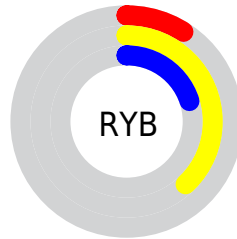
Distribution



Red (27%)

Green (38%)

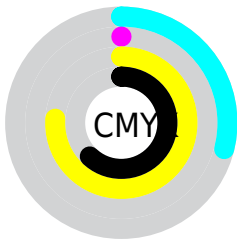
Blue (9%)



Red (9%)

Yellow (38%)

Blue (20%)

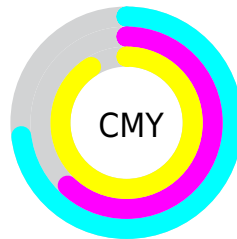


Cyan (29%)

Magenta (0%)

Yellow (76%)

Black (62%)



Cyan (73%)

Magenta (62%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 446017 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 446017 by changing the saturation by 10% instead.



446017



446017

FFFFFF



2C4800



779348



143100



91AD60



001E00



ACC97A



000000



C8E594



E5FFAF



FFFFCB



FFFFE7



446017



446017

■ 40600D

■ 486021

■ 3D6004

■ 4B602A

■ 3B6000

■ 4F6034

■ 53603D

■ 566047

■ 5A6051

■ 5E605A

■ 616064

■ 65606D

Harmonies

Analogous

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



675707



446017



006535

Triad

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



446017



006394



943657

Complementary

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



446017



331760

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.



833E79



446017



005B9D

Square

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



446017



00677B



5B4D92



933C35

Rectangle

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



446017



00674D



5B4D92



913762

Sweetspot

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



446017



727D60



603317



39402E



BFBFBF



404040

Same Dimension

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



446017



517D0B



206017



2F302C



457000



94F000

Inverse Universe

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



331760



370B7D



571760



2D2C30



2B0070



5C00F0

Previews

White Background



This preview shows how the Hex color 446017 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

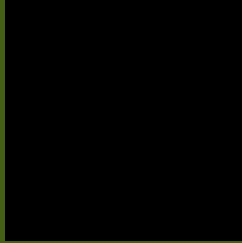
Any Text WCAG AA × Fail

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 446017 Background



This preview shows how black text looks on a background with the Hex color 446017.



This preview shows how white text looks on a background with the Hex color 446017.

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](#).

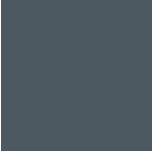
Dichromacy



Original Color
446017

Protanopia
625815

Deuteranopia
6D531D



Tritanopia
4D5961

Trichromacy



Original Color
446017

Protanomaly
575B16

Deuteranomaly
5E581B

Tritanomaly
4A5C46

Monochromacy



Original Color
446017

Achromatopsia
4F4F4F

Achromatomaly
4B553B

CSS Examples

Text

The CSS property to change the color of the text to Hex 446017 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 #446017 looks like.

```
.text, #text, p{  
    color:#446017  
}
```

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 #446017 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446017
}
```

Border

The CSS property to change the border of an element to Hex 446017 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
#446017 }
```

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

```
.border{ border-color:#446017 }
```

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

Here you see how a box with a 4 pixel #446017 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446017; -webkit-box-shadow:4px 4px  
4px 4px #446017; box-shadow:4px 4px 4px  
4px #446017 }
```

Background

The CSS property to change the background color of an element to Hex 446017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446017 }
```

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

```
.background{ background-color:#446017 }
```

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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