

# Converting Colors

Hex(446523)

Have a look what the booklet for  
Hex(446523) contains.

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# Color

Hex(446523)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	446523
RGB	68, 101, 35
RGB Percent	27%, 40%, 14%
CMY	0.7333, 0.6039, 0.8627
CMYK	0.33, 0.00, 0.65, 0.60
HSL	90°, 49%, 27%
HSV	90°, 65%, 40%
XYZ	7.3409, 10.6577, 3.2603
YIQ	83.6090, 1.5180, -27.5220

# Conversions

## Conversions Part 2

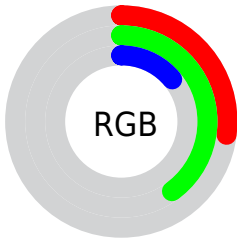
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 101, 68
Decimal	4482339
CIELab	39.00, -24.13, 32.72
CIELCh	39, 40.652, 126.406
Yxy	10.6577, 0.3453, 0.5013
Android (android.graphics.Color)	4282672419 (0xFF446523)
YUV	83.6090, -23.9642, -13.6891
Hunter-Lab	32.6461, -16.9922, 16.9310

# Details

The Hex color **446523** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **442365**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **779853**, and **163600** is the 20% darker color. If you saturate the color by 10%, you get **3F6519**, and if you desaturate by 10%, it is **49652D**.

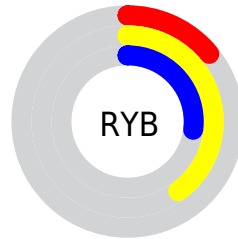
# Distribution



Red (27%)

Green (40%)

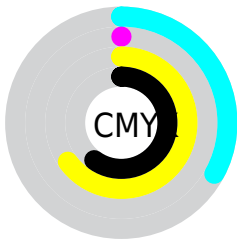
Blue (14%)



Red (14%)

Yellow (40%)

Blue (27%)

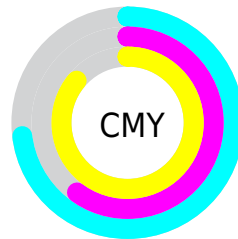


Cyan (33%)

Magenta (0%)

Yellow (65%)

Black (60%)



Cyan (73%)

Magenta (60%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 446523 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 446523 by changing the saturation by 10% instead.





446523



446523

FFFFFF



2C4D0A



779853



163600



91B36C



002100



ACCF85



000000



C8EBA0



E4FFBB



FFFFD7



FFFFF4



446523



446523

■ 3F6519

■ 49652D

■ 3A650F

■ 4E6537

■ 356505

■ 536541

■ 336500

■ 58654B

■ 5D6556

■ 626560

■ 67656A

■ 6C6574

■ 71657E

# Harmonies

## Analogous

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



675C14



446523



006A40

# Triad

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



446523



006698



983D56

# Complementary

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



446523



442365

# 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.



894377



446523



225D9E

# Square

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



446523



006B82



675091



944436

# Rectangle

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



446523



006B57



675091



953E61



# Sweetspot

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



446523



758268



654423



3A4232



C2C2C2



424242



# Same Dimension

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



446523



4F821D



236523



30332E



397300



79F200



# Inverse Universe

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



442365



4F1D82



652365



302E33



390073

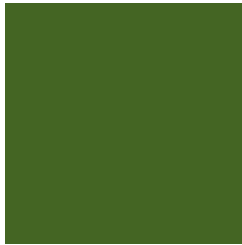


7900F2



# Previews

## White Background



This preview shows how the Hex color 446523 looks on a white background.

## Color Contrast Check

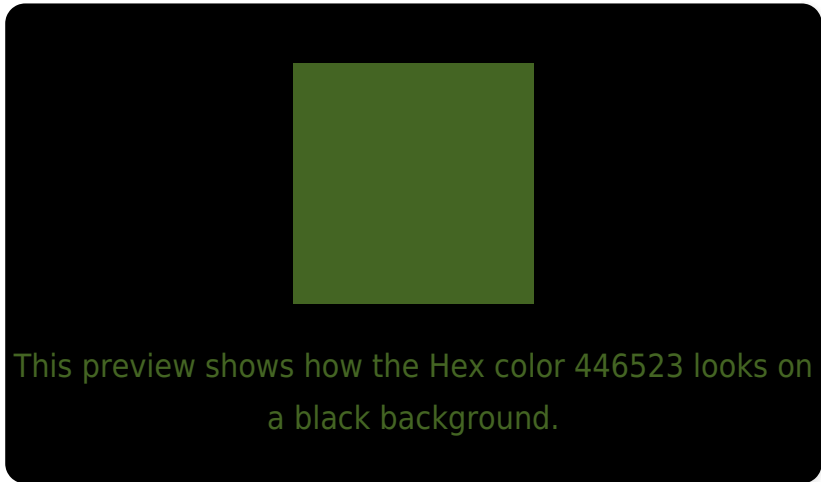
Large Text (above 18pt) WCAG AA ✓ Pass

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

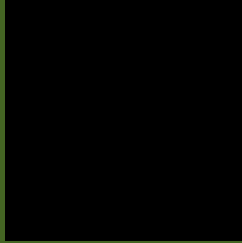
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 446523 Background



This preview shows how black text looks on a background with the Hex color 446523.



This preview shows how white text looks on a background with the Hex color 446523.

# 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](#).

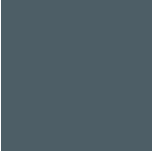
## Dichromacy



**Original Color**  
446523

**Protanopia**  
665C20

**Deuteranopia**  
725727



**Tritanopia**  
4D5E66

# Trichromacy



**Original Color**  
446523

**Protanomaly**  
5A5F21

**Deuteranomaly**  
615C26

**Tritanomaly**  
4A614E

# Monochromacy



**Original Color**  
446523

**Achromatopsia**  
545454

**Achromatomaly**  
4E5A42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 446523 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 #446523 looks like.

```
.text, #text, p{  
    color:#446523  
}
```

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 #446523 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446523
}
```

## Border

The CSS property to change the border of an element to Hex 446523 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
#446523 }
```

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

```
.border{ border-color:#446523 }
```

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

Here you see how a box with a 4 pixel #446523 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446523; -webkit-box-shadow:4px 4px  
4px 4px #446523; box-shadow:4px 4px 4px  
4px #446523 }
```

# Background

The CSS property to change the background color of an element to Hex 446523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446523 }
```

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

```
.background{ background-color:#446523 }
```

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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