

# Converting Colors

Hex(4E6432)

Have a look what the booklet for  
Hex(4E6432) contains.

<b>Hex(4E6432)</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(4E6432)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E6432
RGB	78, 100, 50
RGB Percent	31%, 39%, 20%
CMY	0.6941, 0.6078, 0.8039
CMYK	0.22, 0.00, 0.50, 0.61
HSL	86°, 33%, 29%
HSV	86°, 50%, 39%
XYZ	8.2748, 10.9643, 4.6978
YIQ	87.7220, 2.9380, -20.2140

# Conversions

## Conversions Part 2

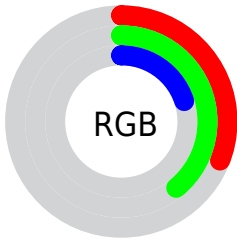
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 100, 72
Decimal	5137458
CIELab	39.52, -17.71, 25.58
CIELCh	40, 31.110, 124.696
Yxy	10.9643, 0.3457, 0.4581
Android (android.graphics.Color)	4283327538 (0xFF4E6432)
YUV	87.7220, -18.5969, -8.5262
Hunter-Lab	33.1124, -13.3397, 14.7670

# Details

The Hex color **4E6432** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **483264**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **809762**, and **203504** is the 20% darker color. If you saturate the color by 10%, you get **4A6428**, and if you desaturate by 10%, it is **52643C**.

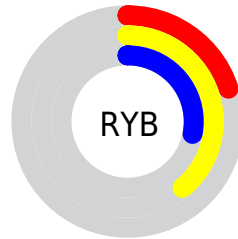
# Distribution



Red (31%)

Green (39%)

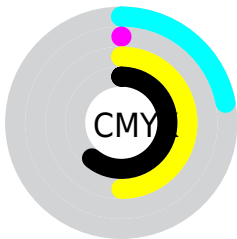
Blue (20%)



Red (20%)

Yellow (39%)

Blue (28%)

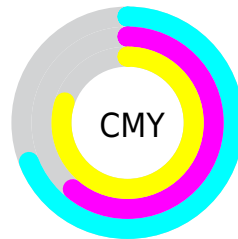


Cyan (22%)

Magenta (0%)

Yellow (50%)

Black (61%)



Cyan (69%)

Magenta (61%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E6432 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 4E6432 by changing the saturation by 10% instead.



 4E6432

 4E6432

FFFFFF

 364C1C

 809762

 203504

 9BB27B

 072000

 B6CD95

 000000

 D2E9B0

 EEFFCB

 FFFFE7

 4E6432

 4E6432

 4A6428

 52643C

■ 45641E

■ 576446

■ 416414

■ 5B6450

■ 3C640A

■ 60645A

■ 386400

■ 646464

■ 68646E

■ 6D6478

■ 716482

■ 76648C

# Harmonies

## Analogous

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



695D29



4E6432



2C6847

# Triad

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



4E6432



00658A



8C485A

# Complementary

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



4E6432



483264

# 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.



804C73



4E6432



3A5E8F

# Square

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



4E6432



006979



645587



8B4C42

# Rectangle

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



4E6432



006A58



645587



8A4863



# Sweetspot

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



4E6432



79826F



644832



3D4236



C2C2C2



424242



# Same Dimension

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



4E6432



608234



356432



31332E



407300



88F200



# Inverse Universe

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



483264



563482



613264



302E33



320073

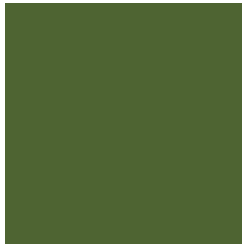


6B00F2



# Previews

## White Background



This preview shows how the Hex color 4E6432 looks on a white background.

## Color Contrast Check

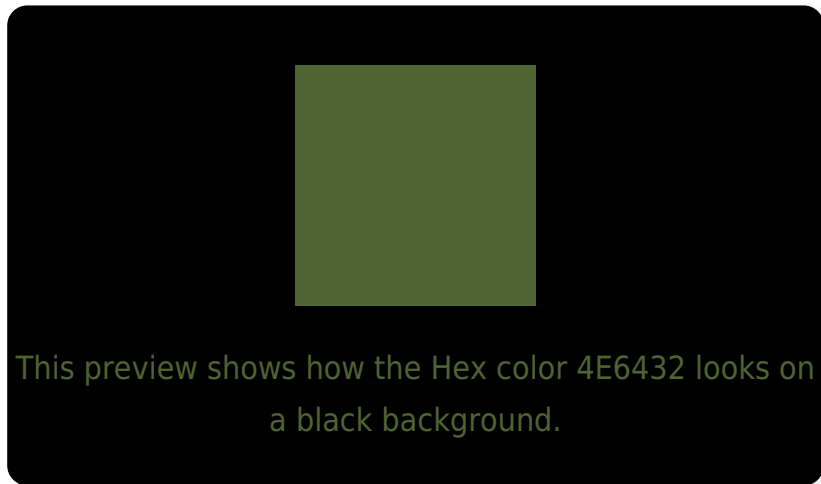
Large Text (above 18pt) WCAG AA ✓ Pass

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

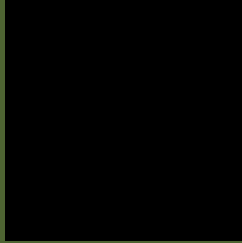
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E6432 Background



This preview shows how black text looks on a background with the Hex color 4E6432.



This preview shows how white text looks on a background with the Hex color 4E6432.

# 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](#).

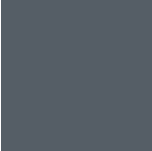
## Dichromacy



**Original Color**  
4E6432

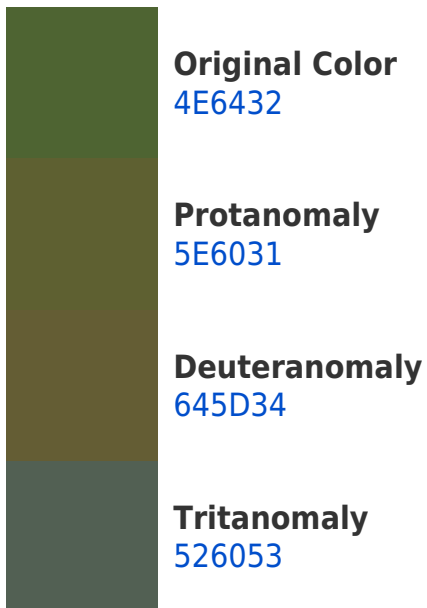
**Protanopia**  
675D30

**Deuteranopia**  
715935

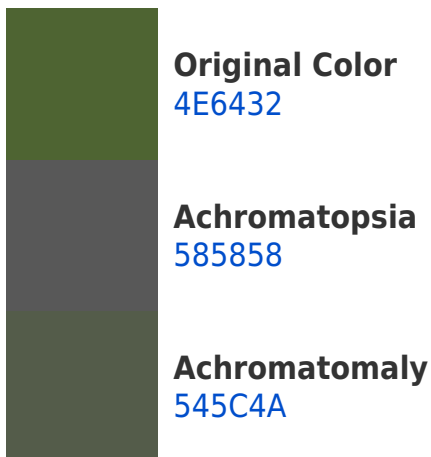


**Tritanopia**  
555E66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E6432 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 #4E6432 looks like.

```
.text, #text, p{  
    color:#4E6432  
}
```

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 #4E6432 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6432
}
```

## Border

The CSS property to change the border of an element to Hex 4E6432 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".

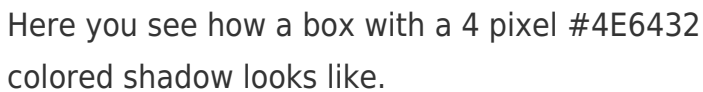
```
.border, #border, table{ border:4px solid
#4E6432 }
```

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

```
.border{ border-color:#4E6432 }
```

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

Here you see how a box with a 4 pixel #4E6432 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6432; -webkit-box-shadow:4px 4px  
4px 4px #4E6432; box-shadow:4px 4px 4px  
4px #4E6432 }
```

# Background

The CSS property to change the background color of an element to Hex 4E6432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6432 }
```

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

```
.background{ background-color:#4E6432 }
```

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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