

# Converting Colors

Hex(455632)

Have a look what the booklet for  
Hex(455632) contains.

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# Color

**Hex(455632)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	455632
RGB	69, 86, 50
RGB Percent	27%, 34%, 20%
CMY	0.7294, 0.6627, 0.8039
CMYK	0.20, 0.00, 0.42, 0.66
HSL	88°, 26%, 27%
HSV	88°, 42%, 34%
XYZ	6.3578, 8.1511, 4.2558
YIQ	76.8130, 1.4240, -14.8000

# Conversions

## Conversions Part 2

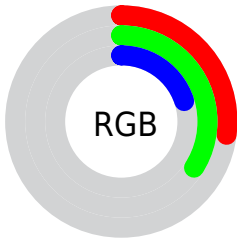
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 86, 67
Decimal	4544050
CIELab	34.30, -13.82, 18.84
CIElCh	34, 23.370, 126.267
Yxy	8.1511, 0.3388, 0.4344
Android (android.graphics.Color)	4282734130 (0xFF455632)
YUV	76.8130, -13.2188, -6.8520
Hunter-Lab	28.5501, -10.2129, 11.1470

# Details

The Hex color **455632** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **433256**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **768861**, and **192904** is the 20% darker color. If you saturate the color by 10%, you get **415629**, and if you desaturate by 10%, it is **49563B**.

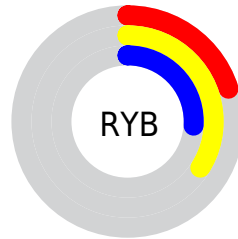
# Distribution



Red (27%)

Green (34%)

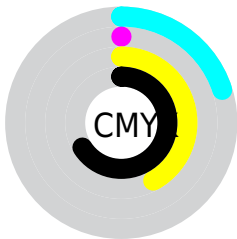
Blue (20%)



Red (20%)

Yellow (34%)

Blue (26%)

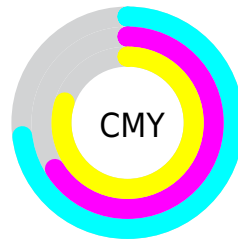


Cyan (20%)

Magenta (0%)

Yellow (42%)

Black (66%)



Cyan (73%)

Magenta (66%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 455632 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 455632 by changing the saturation by 10% instead.



 455632

 455632

FFFFFF

 2E3F1C

 768861

 192904

 90A27A

 001600

 AABD94

 000000

 C6D9AE

 E2F5CA

 FFFFE6

 455632

 455632

 415629

 49563B

■ 3D5621

■ 4D5643

■ 395618

■ 51564C

■ 355610

■ 555654

■ 315607

■ 59565D

■ 2D5600

■ 5D5666

■ 61566E

■ 655677

■ 6A567F

# Harmonies

## Analogous

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



59512B



455632



2E5941

# Triad

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



455632



175772



74424D

# Complementary

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



455632



433256

# 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.



6B4460



455632



3C5175

# Square

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



455632



005A66



584A6F



73453C

# Rectangle

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



455632



1B5A4E



584A6F



724254



# Sweetspot

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



455632



697062



564332



34382F



B8B8B8



383838



# Same Dimension

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



455632



567038



335632



292B27



396B00



7CEB00



# Inverse Universe

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



433256



533870



553256



29272B



33006B



6F00EB



# Previews

## White Background



This preview shows how the Hex color 455632 looks on a white background.

## Color Contrast Check

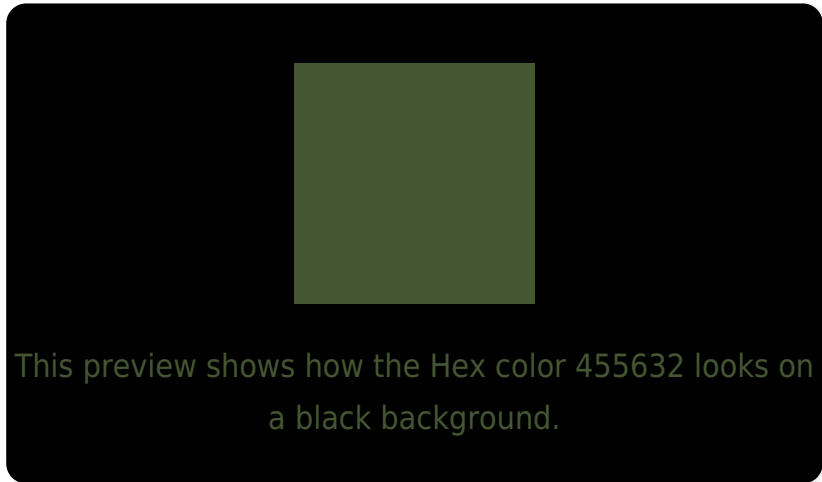
Large Text (above 18pt) WCAG AA ✓ Pass

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

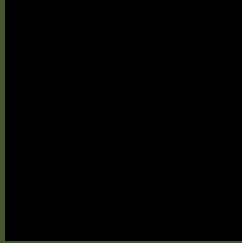
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 455632 Background



This preview shows how black text looks on a background with the Hex color 455632.



This preview shows how white text looks on a background with the Hex color 455632.

# 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](#).

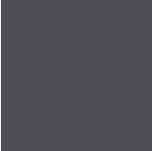
## Dichromacy



**Original Color**  
455632

**Protanopia**  
585130

**Deuteranopia**  
614D34



**Tritanopia**  
4A5258

# Trichromacy



**Original Color**  
455632

**Protanomaly**  
515331

**Deuteranomaly**  
575033

**Tritanomaly**  
48534A

# Monochromacy



**Original Color**  
455632

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
4A5043

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 455632 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 #455632 looks like.

```
.text, #text, p{  
    color:#455632  
}
```

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 #455632 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455632
}
```

## Border

The CSS property to change the border of an element to Hex 455632 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".

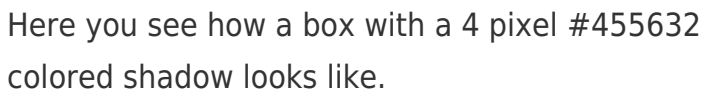
```
.border, #border, table{ border:4px solid
#455632 }
```

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

```
.border{ border-color:#455632 }
```

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

Here you see how a box with a 4 pixel #455632 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455632; -webkit-box-shadow:4px 4px  
4px 4px #455632; box-shadow:4px 4px 4px  
4px #455632 }
```

# Background

The CSS property to change the background color of an element to Hex 455632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455632 }
```

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

```
.background{ background-color:#455632 }
```

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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