

# Converting Colors

Hex(455D32)

Have a look what the booklet for  
Hex(455D32) contains.

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# Color

Hex(455D32)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	455D32
RGB	69, 93, 50
RGB Percent	27%, 36%, 20%
CMY	0.7294, 0.6353, 0.8039
CMYK	0.26, 0.00, 0.46, 0.64
HSL	93°, 30%, 28%
HSV	93°, 46%, 36%
XYZ	6.9443, 9.3242, 4.4514
YIQ	80.9220, -0.5010, -18.4610

# Conversions

## Conversions Part 2

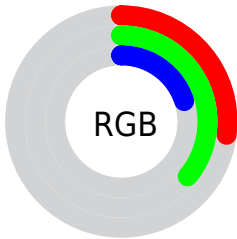
Format	Color
<b>RYB</b>	50, 93, 74
Decimal	4545842
CIELab	36.60, -17.70, 21.79
CIELCh	37, 28.078, 129.087
Yxy	9.3242, 0.3352, 0.4500
Android (android.graphics.Color)	4282735922 (0xFF455D32)
YUV	80.9220, -15.2445, -10.4556
Hunter-Lab	30.5356, -12.8432, 12.7318

# Details

The Hex color **455D32** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4A325D**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **768F61**, and **182F04** is the 20% darker color. If you saturate the color by 10%, you get **405D29**, and if you desaturate by 10%, it is **4A5D3B**.

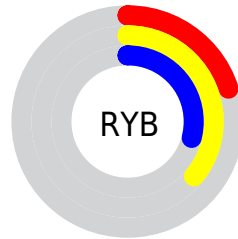
# Distribution



Red (27%)

Green (36%)

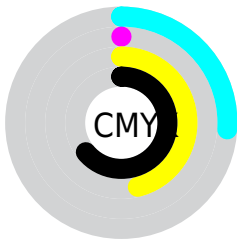
Blue (20%)



Red (20%)

Yellow (36%)

Blue (29%)

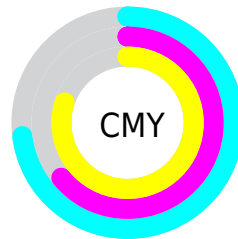


Cyan (26%)

Magenta (0%)

Yellow (46%)

Black (64%)



Cyan (73%)

Magenta (64%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 455D32 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 455D32 by changing the saturation by 10% instead.



 455D32

 455D32

FFFFFF

 2E451C

 768F61

 182F04

 90AA7A

 001B00

 ABC594

 000000

 C7E1AF

 E3FECA

 FFFFE7

 455D32

 455D32

 405D29

 4A5D3B

 3B5D1F

 4F5D45

 355D16

 555D4E

 305D0D

 5A5D57

 2B5D03

 5F5D61

 295D00

 645D6A

 695D73

 6F5D7C

 745D86

# Harmonies

## Analogous

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



5D5728



455D32



266145

# Triad

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



455D32



005D80



814450

# Complementary

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



455D32



4A325D

# 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.



784667



455D32



3E5683

# Square

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



455D32



006172



614E79



7E483B

# Rectangle

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



455D32



006255



614E79



7F4458



# Sweetspot

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



455D32



6E7867



5D4A32



373D33



BDBDBD



3D3D3D



# Same Dimension

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



455D32



537836



325D34



2B2E29



306E00



69ED00



# Inverse Universe

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



4A325D



5B3678



5D325B



2C292E



3D006E

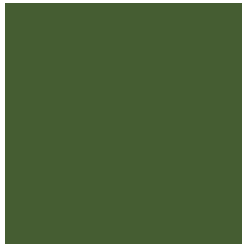


8400ED



# Previews

## White Background



This preview shows how the Hex color 455D32 looks on a white background.

## Color Contrast Check

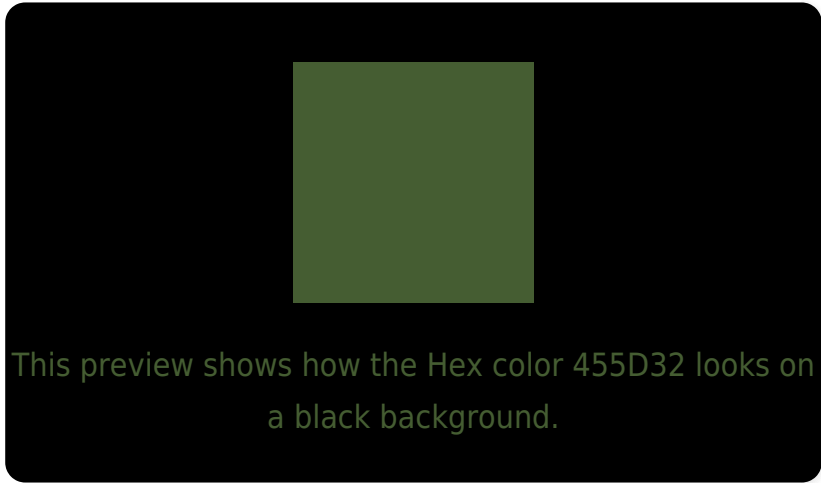
Large Text (above 18pt) WCAG AA ✓ Pass

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

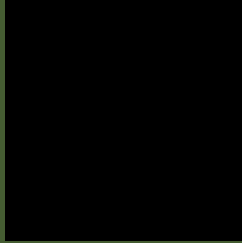
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 455D32 Background



This preview shows how black text looks on a background with the Hex color 455D32.



This preview shows how white text looks on a background with the Hex color 455D32.

# 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**  
455D32

**Protanopia**  
5E562F

**Deuteranopia**  
685235



**Tritanopia**  
4C585F

# Trichromacy



**Original Color**  
455D32

**Protanomaly**  
555930

**Deuteranomaly**  
5B5634

**Tritanomaly**  
495A4F

# Monochromacy



**Original Color**  
455D32

**Achromatopsia**  
515151

**Achromatomaly**  
4D5546

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 455D32 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 #455D32 looks like.

```
.text, #text, p{  
    color:#455D32  
}
```

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 #455D32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455D32  
}
```

## Border

The CSS property to change the border of an element to Hex 455D32 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  
#455D32 }
```

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

```
.border{ border-color:#455D32 }
```

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

Here you see how a box with a 4 pixel #455D32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455D32; -webkit-box-shadow:4px 4px  
4px 4px #455D32; box-shadow:4px 4px 4px  
4px #455D32 }
```

# Background

The CSS property to change the background color of an element to Hex 455D32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455D32 }
```

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

```
.background{ background-color:#455D32 }
```

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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