

# Converting Colors

Hex(456610)

Have a look what the booklet for  
Hex(456610) contains.

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**Color**

**Hex(456610)**

# Conversions

## Conversions Part 1

Format	Color
Hex	456610
RGB	69, 102, 16
RGB Percent	27%, 40%, 6%
CMY	0.7294, 0.6000, 0.9373
CMYK	0.32, 0.00, 0.84, 0.60
HSL	83°, 73%, 23%
HSV	83°, 84%, 40%
XYZ	7.2991, 10.8054, 2.1912
YIQ	82.3290, 7.9380, -33.7420

# Conversions

## Conversions Part 2

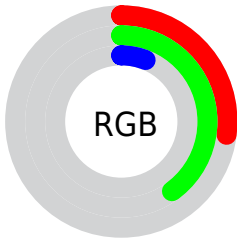
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 102, 49
Decimal	4548112
CIELab	39.25, -25.62, 40.86
CIElCh	39, 48.229, 122.091
Yxy	10.8054, 0.3596, 0.5324
Android (android.graphics.Color)	4282738192 (0xFF456610)
YUV	82.3290, -32.7002, -11.6895
Hunter-Lab	32.8715, -17.8891, 19.0579

# Details

The Hex color **456610** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **311066**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **799943**, and **133700** is the 20% darker color. If you saturate the color by 10%, you get **416606**, and if you desaturate by 10%, it is **49661A**.

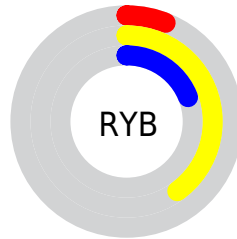
# Distribution



Red (27%)

Green (40%)

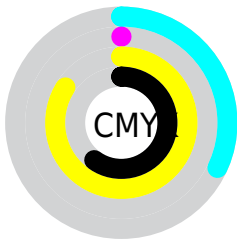
Blue (6%)



Red (6%)

Yellow (40%)

Blue (19%)

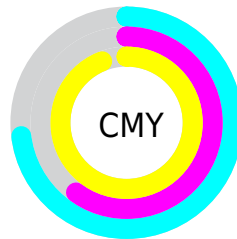


Cyan (32%)

Magenta (0%)

Yellow (84%)

Black (60%)



Cyan (73%)

Magenta (60%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 456610 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 456610 by changing the saturation by 10% instead.



 456610

 456610

FFFFFF

 2C4E00

 799943

 133700

 93B45C

 002200

 AFD076

 000000

 CBEC90

 E7FFAC

 FFFFC7

 FFFFE4

 456610

 456610

■ 416606

■ 49661A

■ 3F6600

■ 4D6624

■ 51662F

■ 556639

■ 596643

■ 5C664D

■ 606657

■ 646662

■ 68666C

# Harmonies

## Analogous

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



6D5C00



456610



006C36

# Triad

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



456610



006AA2



A1345B

# Complementary

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



456610



311066

# 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.



8D3E82



456610



0060AB

# Square

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



456610



006E85



5F519F



9F3C35

# Rectangle

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



456610



006E50



5F519F



9D3669



# Sweetspot

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



456610



788563



663110



3B422E



C2C2C2



424242



# Same Dimension

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



456610



528500



1A6610



31332E



477300



95F200



# Inverse Universe

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



311066



330085



5C1066



302E33



2C0073



5D00F2



# Previews

## White Background



This preview shows how the Hex color 456610 looks on a white background.

## Color Contrast Check

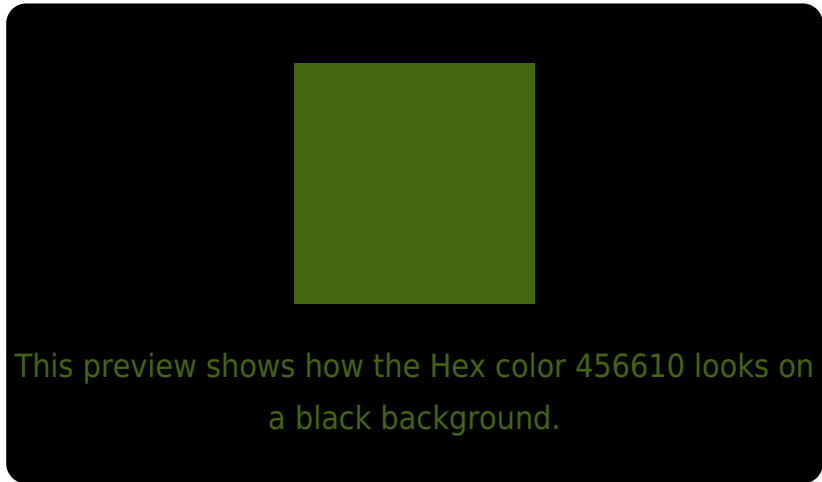
Large Text (above 18pt) WCAG AA ✓ Pass

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

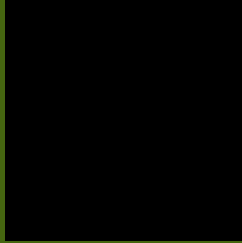
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 456610 Background



This preview shows how black text looks on a background with the Hex color 456610.



This preview shows how white text looks on a background with the Hex color 456610.

# 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**  
456610

**Protanopia**  
685C0D

**Deuteranopia**  
745819



**Tritanopia**  
4F5F66

# Trichromacy



**Original Color**  
456610

**Protanomaly**  
5B600E

**Deuteranomaly**  
635D16

**Tritanomaly**  
4B6247

# Monochromacy



**Original Color**  
456610

**Achromatopsia**  
525252

**Achromatomaly**  
4D593A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 456610 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 #456610 looks like.

```
.text, #text, p{  
    color:#456610  
}
```

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 #456610 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456610
}
```

## Border

The CSS property to change the border of an element to Hex 456610 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
#456610 }
```

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

```
.border{ border-color:#456610 }
```

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

Here you see how a box with a 4 pixel #456610 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456610; -webkit-box-shadow:4px 4px  
4px 4px #456610; box-shadow:4px 4px 4px  
4px #456610 }
```

# Background

The CSS property to change the background color of an element to Hex 456610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456610 }
```

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

```
.background{ background-color:#456610 }
```

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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