

Converting Colors

Hex(456621)

Have a look what the booklet for
Hex(456621) contains.

Hex(456621)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(456621)

Conversions

Conversions Part 1

Format	Color
Hex	456621
RGB	69, 102, 33
RGB Percent	27%, 40%, 13%
CMY	0.7294, 0.6000, 0.8706
CMYK	0.32, 0.00, 0.68, 0.60
HSL	89°, 51%, 26%
HSV	89°, 68%, 40%
XYZ	7.4801, 10.8778, 3.1442
YIQ	84.2670, 2.4810, -28.4550

Conversions

Conversions Part 2

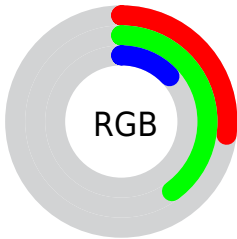
Format	Color
R_{YB}	33, 102, 66
Decimal	4548129
CIE Lab	39.37, -24.41, 34.11
CIE LCh	39, 41.947, 125.587
Yxy	10.8778, 0.3479, 0.5059
Android (android.graphics.Color)	4282738209 (0xFF456621)
YUV	84.2670, -25.2746, -13.3892
Hunter-Lab	32.9814, -17.2341, 17.4347

Details

The Hex color **456621** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **422166**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **789951**, and **163700** is the 20% darker color. If you saturate the color by 10%, you get **406617**, and if you desaturate by 10%, it is **4A662B**.

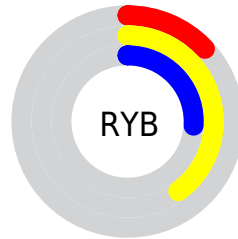
Distribution



Red (27%)

Green (40%)

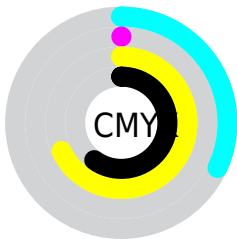
Blue (13%)



Red (13%)

Yellow (40%)

Blue (26%)

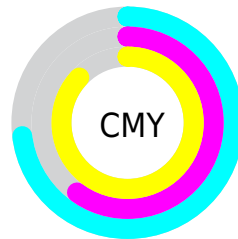


Cyan (32%)

Magenta (0%)

Yellow (68%)

Black (60%)



Cyan (73%)

Magenta (60%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456621 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 456621 by changing the saturation by 10% instead.

 456621

 456621

FFFFFF

 2D4E07

 789951

 163700

 92B46A

 002200

 ADD084

 000000

 C9EC9E

 E6FFB9

 FFFFD5

 FFFFF2

 456621

 456621

■ 406617

■ 4A662B

■ 3B660D

■ 4F6635

■ 366602

■ 546640

■ 356600

■ 59664A

■ 5D6654

■ 62665E

■ 676668

■ 6C6673

■ 71667D

Harmonies

Analogous

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



695D11



456621



006B3F

Triad

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



456621



00689B



9A3C58

Complementary

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



456621



422166

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.



8B437A



456621



195FA1

Square

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



456621



006C84



665195



974337

Rectangle

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



456621



006D56



665195



973D63

Sweetspot

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



456621



78856A



664121



3B4232



C2C2C2



424242

Same Dimension

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



456621



518519



236621



31332E



3C7300



7EF200

Inverse Universe

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



422166



4D1985



642166



302E33



370073



7400F2

Previews

White Background



This preview shows how the Hex color 456621 looks on a white background.

Color Contrast Check

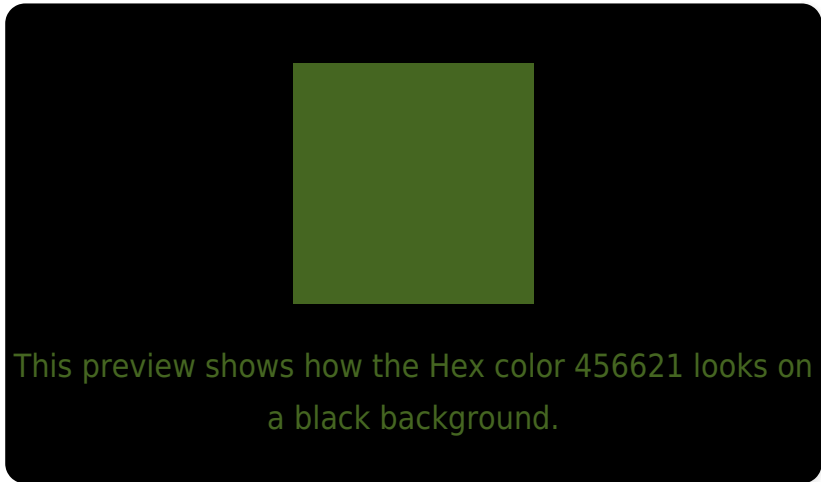
Large Text (above 18pt) WCAG AA ✓ Pass

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

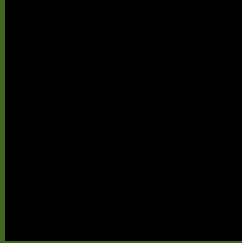
Any Text WCAG AA × Fail

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 456621 Background



This preview shows how black text looks on a background with the Hex color 456621.



This preview shows how white text looks on a background with the Hex color 456621.

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
456621

Protanopia
685D1E

Deuteranopia
735826



Tritanopia
4E5F67

Trichromacy



Original Color
456621

Protanomaly
5B601F

Deuteranomaly
625D24

Tritanomaly
4B624E

Monochromacy



Original Color
456621

Achromatopsia
545454

Achromatomaly
4F5B41

CSS Examples

Text

The CSS property to change the color of the text to Hex 456621 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 #456621 looks like.

```
.text, #text, p{  
    color:#456621  
}
```

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 #456621 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456621
}
```

Border

The CSS property to change the border of an element to Hex 456621 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
#456621 }
```

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

```
.border{ border-color:#456621 }
```

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

Here you see how a box with a 4 pixel #456621 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456621; -webkit-box-shadow:4px 4px  
4px 4px #456621; box-shadow:4px 4px 4px  
4px #456621 }
```

Background

The CSS property to change the background color of an element to Hex 456621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456621 }
```

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

```
.background{ background-color:#456621 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor