

# Converting Colors

Decimal(4610129)

Have a look what the booklet for  
Decimal(4610129) contains.

<b>Decimal(4610129)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(4610129)**

# Conversions

## Conversions Part 1

Format	Color
Hex	465851
RGB	70, 88, 81
RGB Percent	27%, 35%, 32%
CMY	0.7255, 0.6549, 0.6824
CMYK	0.20, 0.00, 0.08, 0.65
HSL	157°, 11%, 31%
HSV	157°, 20%, 35%
XYZ	7.5007, 8.8756, 9.1024
YIQ	81.8200, -8.4810, -5.9930

# Conversions

## Conversions Part 2

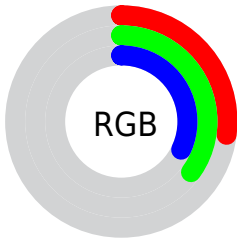
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 81, 88
Decimal	4610129
CIE Lab	35.74, -8.57, 1.76
CIE LCh	36, 8.747, 168.373
Yxy	8.8756, 0.2944, 0.3484
Android (android.graphics.Color)	4282800209 (0xFF465851)
YUV	81.8200, -0.4043, -10.3661
Hunter-Lab	29.7920, -7.1951, 2.7394

# Details

The Decimal color **4610129** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5785165**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **7834242**, and **1714981** is the 20% darker color. If you saturate the color by 10%, you get **4020302**, and if you desaturate by 10%, it is **5199956**.

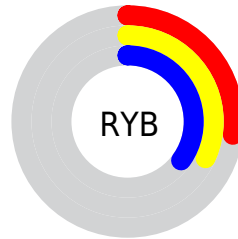
# Distribution



Red (27%)

Green (35%)

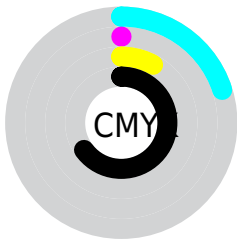
Blue (32%)



Red (27%)

Yellow (32%)

Blue (35%)

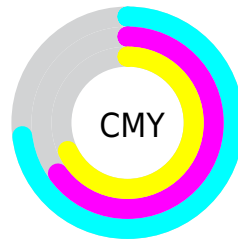


Cyan (20%)

Magenta (0%)

Yellow (8%)

Black (65%)



Cyan (73%)

Magenta (65%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4610129 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 Decimal color 4610129 by changing the saturation by 10% instead.





4610129



4610129

16777215



3096890



7834242



1714981



9479324



71439



11255735



0



13032403



14874863



4610129



4610129



4020302



5199956



3430474



5789784

■ 2906183

■ 6314075

■ 2316355

■ 6903903

■ 1726528

■ 7493730

■ 1136700

■ 8083558

■ 546873

■ 8673385

■ 22582

■ 9197676

■ 9787504

# Harmonies

## Analogous

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



5068619



4610129



4347992

# Triad

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



4610129



5395297



6377802

# Complementary

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



4610129



5785165

# 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.



6508368



4610129



5984605

# Square

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



4610129



4806242



6377559



6050631

# Rectangle

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



4610129



4347996



6377559



6443084



# Sweetspot

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



4610129



7107440



5068870



3619641



12237498



3881787



# Same Dimension

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



4610129



5665640



4609624



2566954



27457



60303



# Inverse Universe

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



5785165



7558753



5785670



2828073



7012394



15401051



# Previews

## White Background



This preview shows how the Decimal color 4610129 looks on a white background.

## Color Contrast Check

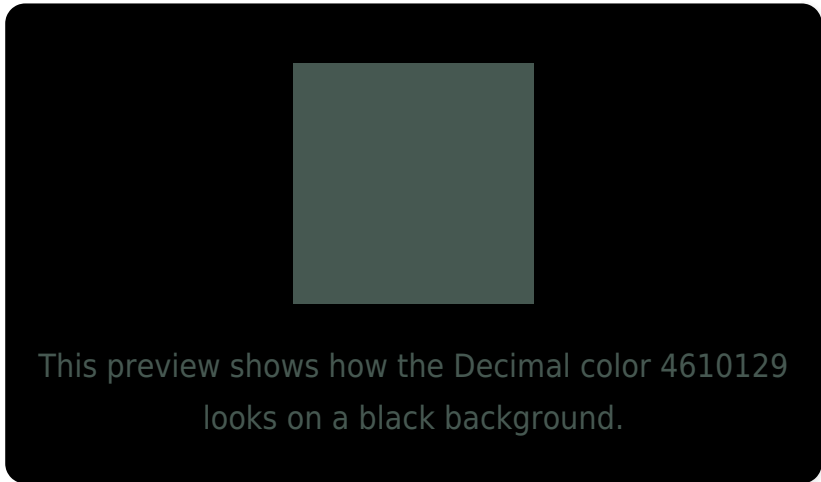
Large Text (above 18pt) WCAG AA ✓ Pass

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

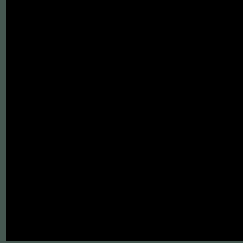
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4610129 Background



This preview shows how black text looks on a background with the Decimal color 4610129.



This preview shows how white text looks on a background with the Decimal color 4610129.

# 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**  
4610129

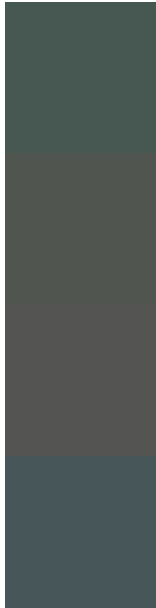
**Protanopia**  
5723215

**Deuteranopia**  
6050130



**Tritanopia**  
4740701

# Trichromacy



**Original Color**  
4610129

**Protanomaly**  
5330256

**Deuteranomaly**  
5526610

**Tritanomaly**  
4675417

# Monochromacy



**Original Color**  
4610129

**Achromatopsia**  
5395026

**Achromatomaly**  
5133394

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4610129 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 #465851 looks like.

```
.text, #text, p{  
    color:#465851  
}
```

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 #465851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465851
}
```

## Border

The CSS property to change the border of an element to Decimal 4610129 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
#465851 }
```

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

```
.border{ border-color:#465851 }
```

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

Here you see how a box with a 4 pixel #465851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465851; -webkit-box-shadow:4px 4px  
4px 4px #465851; box-shadow:4px 4px 4px  
4px #465851 }
```

# Background

The CSS property to change the background color of an element to Decimal 4610129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465851 }
```

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

```
.background{ background-color:#465851 }
```

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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