

# Converting Colors

Decimal(8430360)

Have a look what the booklet for  
Decimal(8430360) contains.

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**Color**

**Decimal(8430360)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80A318
RGB	128, 163, 24
RGB Percent	50%, 64%, 9%
CMY	0.4980, 0.3608, 0.9059
CMYK	0.21, 0.00, 0.85, 0.36
HSL	75°, 74%, 37%
HSV	75°, 85%, 64%
XYZ	22.1641, 30.8495, 5.6505
YIQ	136.6890, 23.7590, -50.6490

# Conversions

## Conversions Part 2

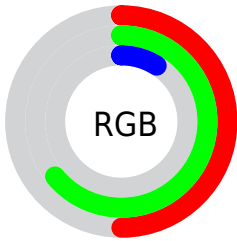
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 163, 59
Decimal	8430360
CIELab	62.38, -30.09, 60.54
CIELCh	62, 67.604, 116.429
Yxy	30.8495, 0.3778, 0.5259
Android (android.graphics.Color)	4286620440 (0xFF80A318)
YUV	136.6890, -55.5557, -7.6203
Hunter-Lab	55.5424, -25.9688, 32.8478

# Details

The Decimal color **8430360** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3872931**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **12114516**, and **4878080** is the 20% darker color. If you saturate the color by 10%, you get **8168200**, and if you desaturate by 10%, it is **8692520**.

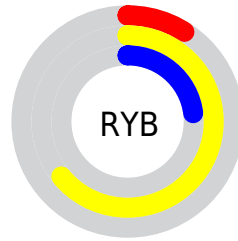
# Distribution



Red (50%)

Green (64%)

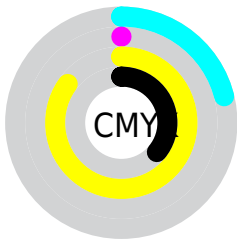
Blue (9%)



Red (9%)

Yellow (64%)

Blue (23%)

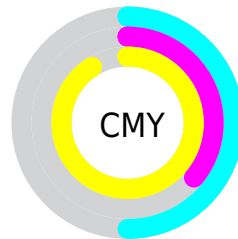


Cyan (21%)

Magenta (0%)

Yellow (85%)

Black (36%)



Cyan (50%)

Magenta (36%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8430360 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 8430360 by changing the saturation by 10% instead.




 8430360

 8430360

16777215

 6654208

 12114516

 4878080

 14022511

 3102464

 15990666

 1130240

 16777126

 10496

 16777155

 3840

 16777183

 0

16777213

 8430360

 8430360

■ 8168200

■ 8692520

■ 8037120

■ 8954681

■ 9216841

■ 9479001

■ 9806698

■ 10068858

■ 10331018

■ 10593178

■ 10855339

# Harmonies

## Analogous

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



12227072



8430360



1944912

# Triad

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



8430360



44538



16603809

# Complementary

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



8430360



3872931

# 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.



14184154



8430360



41215

# Square

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



8430360



45771



8948479



16736613

# Rectangle

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



8430360



45433



8948479



16080821



# Sweetspot

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



8430360



13030557



10697496



6515530



15461355



7039851



# Same Dimension

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



8430360



10408960



3908376



5263945



7180544



856576



# Inverse Universe

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



3872931



3473620



8394915



4933970



2424977



262162



# Previews

## White Background



This preview shows how the Decimal color 8430360 looks on a white background.

## Color Contrast Check

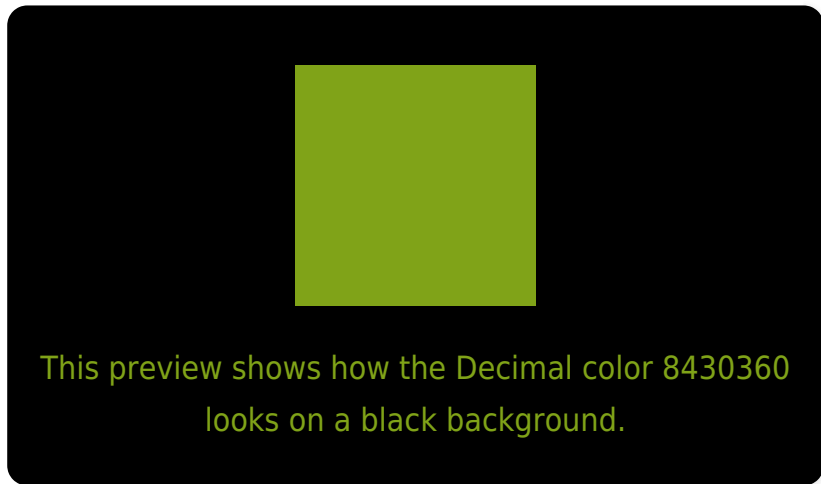
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Decimal 8430360 Background



This preview shows how black text looks on a background with the Decimal color 8430360.



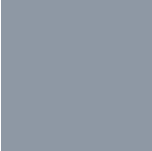
This preview shows how white text looks on a background with the Decimal color 8430360.

# 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





**Tritanopia**  
9345188

# Trichromacy



**Original Color**  
8430360

**Protanomaly**  
10197781

**Deuteranomaly**  
10982944

**Tritanomaly**  
9018481

# Monochromacy



**Original Color**  
8430360

**Achromatopsia**  
9013641

**Achromatomaly**  
8819296

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8430360 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 #80A318 looks like.

```
.text, #text, p{  
    color:#80A318  
}
```

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 #80A318 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A318
}
```

## Border

The CSS property to change the border of an element to Decimal 8430360 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
#80A318 }
```

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

```
.border{ border-color:#80A318 }
```

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

Here you see how a box with a 4 pixel #80A318 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A318; -webkit-box-shadow:4px 4px  
4px 4px #80A318; box-shadow:4px 4px 4px  
4px #80A318 }
```

# Background

The CSS property to change the background color of an element to Decimal 8430360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A318 }
```

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

```
.background{ background-color:#80A318 }
```

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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