

# Converting Colors

Decimal(8420646)

Have a look what the booklet for  
Decimal(8420646) contains.

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**Color**

**Decimal(8420646)**

# Conversions

## Conversions Part 1

Format	Color
Hex	807D26
RGB	128, 125, 38
RGB Percent	50%, 49%, 15%
CMY	0.4980, 0.5098, 0.8510
CMYK	0.00, 0.02, 0.70, 0.50
HSL	58°, 54%, 33%
HSV	58°, 70%, 50%
XYZ	16.5856, 19.3964, 4.7034
YIQ	115.9790, 29.7150, -26.4210

# Conversions

## Conversions Part 2

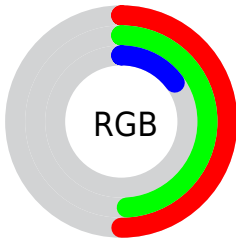
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 128, 38
Decimal	8420646
CIE Lab	51.15, -10.03, 45.60
CIE LCh	51, 46.686, 102.400
Yxy	19.3964, 0.4077, 0.4767
Android (android.graphics.Color)	4286610726 (0xFF807D26)
YUV	115.9790, -38.4436, 10.5424
Hunter-Lab	44.0413, -9.8508, 24.4970

# Details

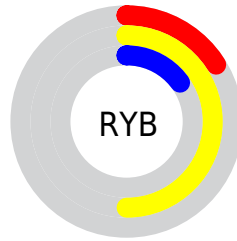
The Decimal color **8420646** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2500992**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **12038489**, and **5000192** is the 20% darker color. If you saturate the color by 10%, you get **8420633**, and if you desaturate by 10%, it is **8420659**.

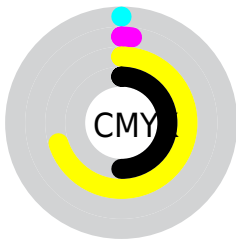
# Distribution



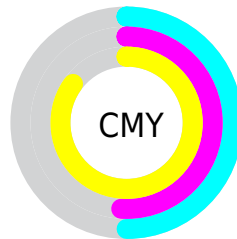
- Red (50%)
- Green (49%)
- Blue (15%)



- Red (16%)
- Yellow (50%)
- Blue (15%)



- Cyan (0%)
- Magenta (2%)
- Yellow (70%)
- Black (50%)



- Cyan (50%)
- Magenta (51%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8420646 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 8420646 by changing the saturation by 10% instead.





8420646



8420646

16777215



6644744



12038489



5000192



13946226



3356160



15853965



1712384



16777128



2048



16777156



0



16777184

16777213



8420646



8420646

■ 8420633

■ 8420659

■ 8420364

■ 8420928

■ 8420352

■ 8420940

■ 8421209

■ 8421222

■ 8421491

■ 8421504

■ 8421516

■ 8421785

# Harmonies

## Analogous

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



10710827



8420646



5539644

# Triad

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



8420646



35759



12016275

# Complementary

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



8420646



2500992

# 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.



9595061



8420646



34246

# Square

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



8420646



36234



5208520



12801643

# Rectangle

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



8420646



2656851



5208520



11361951



# Sweetspot

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



8420646



10921347



8398377



5526335



13948116



5526612



# Same Dimension

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



8420646



10920219



5668902



4210745



8420096



0



# Inverse Universe

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



2500992



1777574



5252736



3750464



1152



0



# Previews

## White Background



This preview shows how the Decimal color 8420646 looks on a white background.

## Color Contrast Check

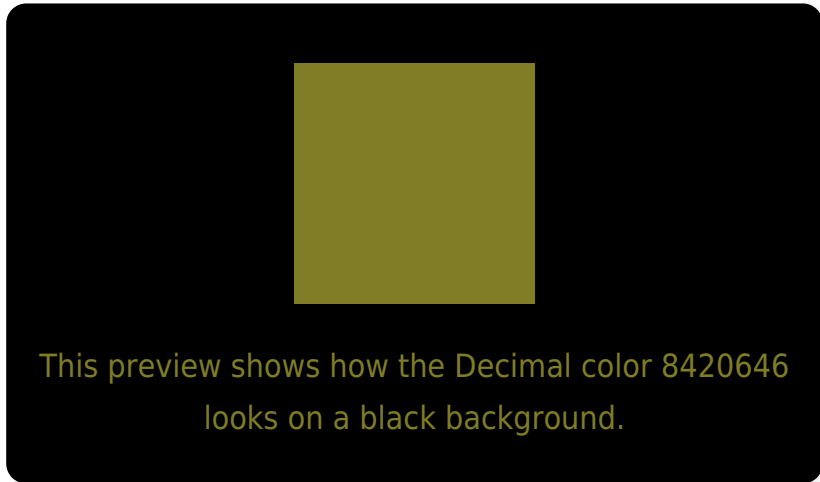
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

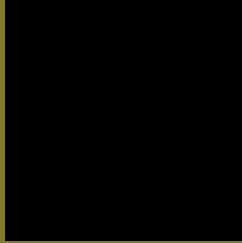
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8420646 Background



This preview shows how black text looks on a background with the Decimal color 8420646.



This preview shows how white text looks on a background with the Decimal color 8420646.

# 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**  
8420646

**Protanopia**  
9009701

**Deuteranopia**  
9991209



**Tritanopia**  
8942974

# Trichromacy



**Original Color**  
8420646

**Protanomaly**  
8813349

**Deuteranomaly**  
9402152

**Tritanomaly**  
8747102

# Monochromacy



**Original Color**  
8420646

**Achromatopsia**  
7631988

**Achromatomaly**  
7894872

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8420646 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 #807D26 looks like.

```
.text, #text, p{  
  color:#807D26  
}
```

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 #807D26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807D26
}
```

## Border

The CSS property to change the border of an element to Decimal 8420646 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
#807D26 }
```

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

```
.border{ border-color:#807D26 }
```

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

Here you see how a box with a 4 pixel #807D26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807D26; -webkit-box-shadow:4px 4px  
4px 4px #807D26; box-shadow:4px 4px 4px  
4px #807D26 }
```

# Background

The CSS property to change the background color of an element to Decimal 8420646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807D26 }
```

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

```
.background{ background-color:#807D26 }
```

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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