

# Converting Colors

Decimal(8421120)

Have a look what the booklet for  
Decimal(8421120) contains.

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**Color**

**Decimal(8421120)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	807F00
RGB	128, 127, 0
RGB Percent	50%, 50%, 0%
CMY	0.4980, 0.5020, 1.0000
CMYK	0.00, 0.01, 1.00, 0.50
HSL	60°, 100%, 25%
HSV	60°, 100%, 50%
XYZ	16.4915, 19.7679, 2.9464
YIQ	112.8210, 41.3630, -39.2850

# Conversions

## Conversions Part 2

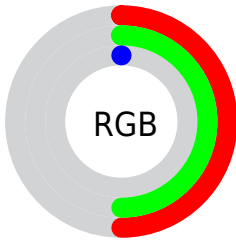
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	1, 128, 0
Decimal	8421120
CIE Lab	51.57, -12.39, 56.46
CIE LCh	52, 57.806, 102.378
Yxy	19.7679, 0.4206, 0.5042
Android (android.graphics.Color)	4286611200 (0xFF807F00)
YUV	112.8210, -55.6208, 13.3120
Hunter-Lab	44.4611, -11.5981, 27.1937

# Details

The Decimal color **8421120** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **384**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **12104514**, and **4935168** is the 20% darker color. If you saturate the color by 10%, you get **8421120**, and if you desaturate by 10%, it is **8421133**.

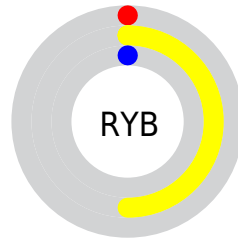
# Distribution



Red (50%)

Green (50%)

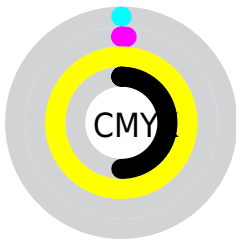
Blue (0%)



Red (0%)

Yellow (50%)

Blue (0%)

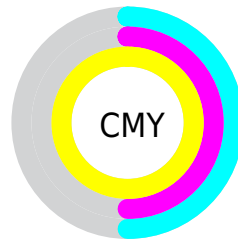


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (50%)



Cyan (50%)

Magenta (50%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8421120 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 8421120 by changing the saturation by 10% instead.





8421120



8421120

16777215



6645248



12104514



4935168



14012253



3225600



15985527



1581568



16777106



2816



16777134



0



16777162



16777191



8421120

 8421133

 8421146

 8421158

 8421171

 8421440

 8421453

 8421466

 8421478

 8421491

# Harmonies

## Analogous

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



11234833



8421120



4753963

# Triad

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



8421120



37053



12930970

# Complementary

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



8421120



384

# 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.



9921733



8421120



35289

# Square

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



8421120



37519



3439324



13912425

# Rectangle

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



8421120



36682



3439324



12146090



# Sweetspot

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



8421120



10921332



8388610



5526582



13948116



5526612



# Same Dimension

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



8421120



10920960



4358144



4210745



0

# Inverse Universe

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



384



422



4063360



3750208



0

# Previews

## White Background



This preview shows how the Decimal color 8421120 looks on a white background.

## Color Contrast Check

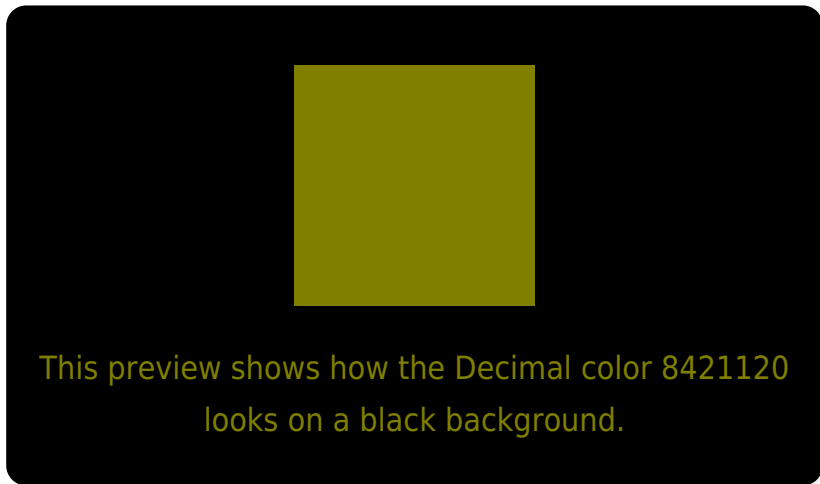
Large Text (above 18pt) WCAG AA ✓ Pass

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

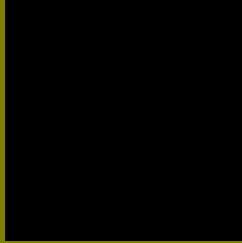
Any Text WCAG AA ✓ Pass

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 8421120 Background



This preview shows how black text looks on a background with the Decimal color 8421120.



This preview shows how white text looks on a background with the Decimal color 8421120.

# 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**

8421120


**Protanopia**

9140992

**Deuteranopia**

10188051





**Tritanopia**  
8943231

# Trichromacy



**Original Color**  
8421120

**Protanomaly**  
8879104

**Deuteranomaly**  
9533708

**Tritanomaly**  
8747345

# Monochromacy



**Original Color**  
8421120

**Achromatopsia**  
7434609

**Achromatomaly**  
7763528

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8421120 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 #807F00 looks like.

```
.text, #text, p{  
    color:#807F00  
}
```

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 #807F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807F00  
}
```

## Border

The CSS property to change the border of an element to Decimal 8421120 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  
#807F00 }
```

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

```
.border{ border-color:#807F00 }
```

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

Here you see how a box with a 4 pixel #807F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807F00; -webkit-box-shadow:4px 4px  
4px 4px #807F00; box-shadow:4px 4px 4px  
4px #807F00 }
```

# Background

The CSS property to change the background color of an element to Decimal 8421120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807F00 }
```

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

```
.background{ background-color:#807F00 }
```

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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