

# Converting Colors

Decimal(8294720)

Have a look what the booklet for  
Decimal(8294720) contains.

<b>Decimal(8294720)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Decimal(8294720)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E9140
RGB	126, 145, 64
RGB Percent	49%, 57%, 25%
CMY	0.5059, 0.4314, 0.7490
CMYK	0.13, 0.00, 0.56, 0.43
HSL	74°, 39%, 41%
HSV	74°, 56%, 57%
XYZ	19.6550, 25.0566, 8.6510
YIQ	130.0850, 14.6770, -29.2190

# Conversions

## Conversions Part 2

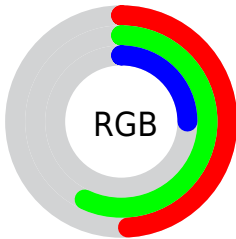
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 145, 83
Decimal	8294720
CIELab	57.13, -19.54, 40.11
CIElCh	57, 44.615, 115.978
Yxy	25.0566, 0.3683, 0.4696
Android (android.graphics.Color)	4286484800 (0xFF7E9140)
YUV	130.0850, -32.5799, -3.5825
Hunter-Lab	50.0566, -17.5099, 24.7929

# Details

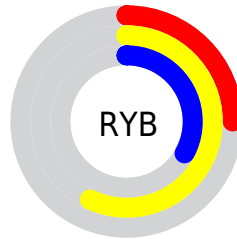
The Decimal color **8294720** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5456017**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **11847538**, and **4939533** is the 20% darker color. If you saturate the color by 10%, you get **8098098**, and if you desaturate by 10%, it is **8491343**.

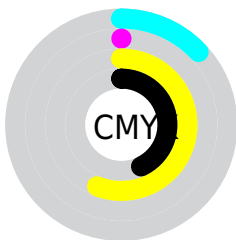
# Distribution



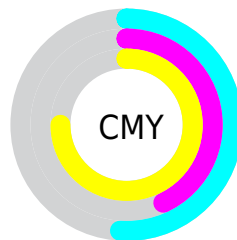
- Red (49%)
- Green (57%)
- Blue (25%)



- Red (25%)
- Yellow (57%)
- Blue (33%)



- Cyan (13%)
- Magenta (0%)
- Yellow (56%)
- Black (43%)



- Cyan (51%)
- Magenta (43%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8294720 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 8294720 by changing the saturation by 10% instead.





8294720



8294720

16777215



6584103



11847538



4939533



13689741



3294976



15597480



1716224



16777155



7424



16777183



0

16777212



8294720



8294720



8098098



8491343

■ 7835939

■ 8753501

■ 7639317

■ 8950124

■ 7377158

■ 9212282

■ 7311616

■ 9408905

■ 9605527

■ 9867685

■ 10064308

■ 10326467

# Harmonies

## Analogous

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



10782009



8294720



5151068

# Triad

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



8294720



39113



13527184

# Complementary

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



8294720



5456017

# 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.



11825845



8294720



3051478

# Square

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



8294720



40106



8618447



13724521

# Rectangle

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



8294720



1285237



8618447



13134493



# Sweetspot

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



8294720



11910557



9524032



5922379



14606046



6184542



# Same Dimension

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



8294720



10468670



5673280



4605760



6784768



395264



# Inverse Universe

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



5456017



6045373



8077457



4341831



2097287



131080



# Previews

## White Background



This preview shows how the Decimal color 8294720 looks on a white background.

## Color Contrast Check

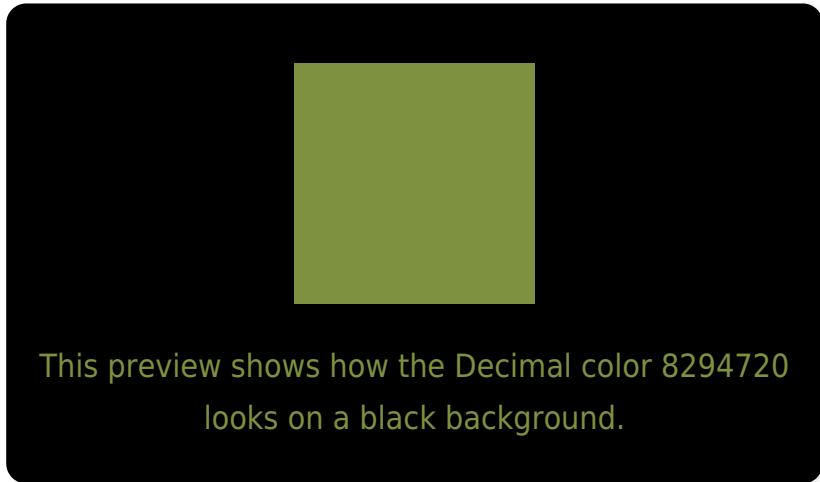
Large Text (above 18pt) WCAG AA ✓ Pass

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

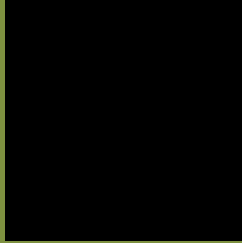
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8294720 Background



This preview shows how black text looks on a background with the Decimal color 8294720.



This preview shows how white text looks on a background with the Decimal color 8294720.

# 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**  
8947859

# Trichromacy



**Original Color**  
8294720

**Protanomaly**  
9407551

**Deuteranomaly**  
10061635

**Tritanomaly**  
8686453

# Monochromacy



**Original Color**  
8294720

**Achromatopsia**  
8553090

**Achromatomaly**  
8488810

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8294720 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 #7E9140 looks like.

```
.text, #text, p{  
    color:#7E9140  
}
```

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 #7E9140 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E9140
}
```

## Border

The CSS property to change the border of an element to Decimal 8294720 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
#7E9140 }
```

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

```
.border{ border-color:#7E9140 }
```

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

Here you see how a box with a 4 pixel #7E9140 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E9140; -webkit-box-shadow:4px 4px  
4px 4px #7E9140; box-shadow:4px 4px 4px  
4px #7E9140 }
```

# Background

The CSS property to change the background color of an element to Decimal 8294720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E9140 }
```

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

```
.background{ background-color:#7E9140 }
```

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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