

# Converting Colors

Decimal(8303176)

Have a look what the booklet for  
Decimal(8303176) contains.

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**Color**

**Decimal(8303176)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 7EB248                     |
| RGB           | 126, 178, 72               |
| RGB Percent   | 49%, 70%, 28%              |
| CMY           | 0.5059, 0.3020, 0.7176     |
| CMYK          | 0.29, 0.00, 0.60, 0.30     |
| HSL           | 89°, 42%, 49%              |
| HSV           | 89°, 60%, 70%              |
| XYZ           | 25.6943, 36.7443, 11.8690  |
| YIQ           | 150.3680, 3.0340, -43.9900 |

# Conversions

## Conversions Part 2

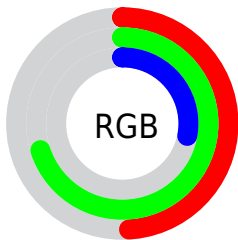
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">72, 178, 124</a>                     |
| Decimal                             | <a href="#">8303176</a>                          |
| CIELab                              | <a href="#">67.08, -34.83, 47.71</a>             |
| CIELCh                              | <a href="#">67, 59.069, 126.128</a>              |
| Yxy                                 | <a href="#">36.7443, 0.3458,<br/>0.4945</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4286493256<br/>(0xFF7EB248)</a>      |
| YUV                                 | <a href="#">150.3680, -38.6354,<br/>-21.3707</a> |
| Hunter-Lab                          | <a href="#">60.6171, -30.4175,<br/>30.8228</a>   |

# Details

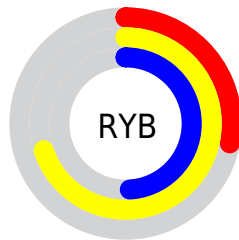
The Decimal color **8303176** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8145074**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **11922044**, and **4750609** is the 20% darker color. If you saturate the color by 10%, you get **7713334**, and if you desaturate by 10%, it is **8893018**.

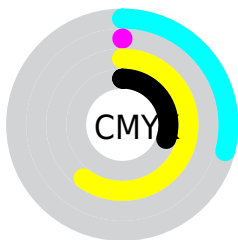
# Distribution



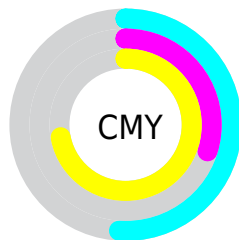
- Red (49%)
- Green (70%)
- Blue (28%)



- Red (28%)
- Yellow (70%)
- Blue (49%)



- Cyan (29%)
- Magenta (0%)
- Yellow (60%)
- Black (30%)




- Cyan (51%)
- Magenta (30%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8303176 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 8303176 by changing the saturation by 10% instead.



 8303176

 8303176

16777215

 6526766

 11922044

 4750609

 13827991

 3040256

 15728563

 1198848

 16777167

 13312

 16777195

 8192

 0

 8303176

 8303176

 7713334

 8893018

7189028

9417324

6599187

10007165

6009345

10597007

6009344

11186849

11711155

12300997

12890838

13480680

# Harmonies

## Analogous

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



11969585



8303176



2013814

# Triad

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



8303176



46335



16741274

# Complementary

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



8303176



8145074

# 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.



15563983



8303176



4892415

# Square

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



8303176



48353



11833850



16743783

# Rectangle

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



8303176



48538



11833850



16741292



# Sweetspot

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



8303176



13953214



11696968



6911323



16119285



7697781



# Same Dimension

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



8303176



9955395



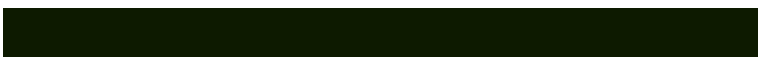
4895304



5593424



5150976



858624



# Inverse Universe

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



8145074



9716712



11552946



5591129



4915353



851994



# Previews

## White Background



This preview shows how the Decimal color 8303176 looks on a white background.

## Color Contrast Check

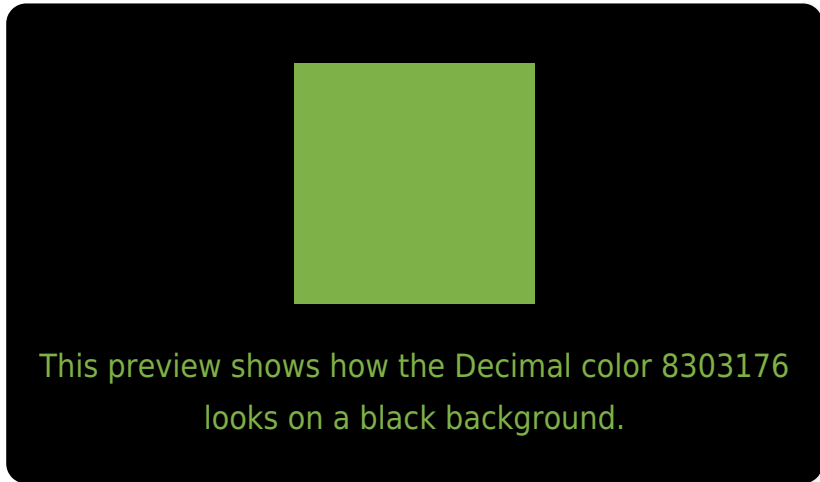
Large Text (above 18pt) WCAG AA × Fail

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 8303176 Background



This preview shows how black text looks on a background with the Decimal color 8303176.



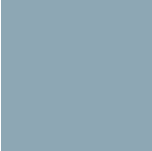
This preview shows how white text looks on a background with the Decimal color 8303176.

# 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**  
9283508

# Trichromacy



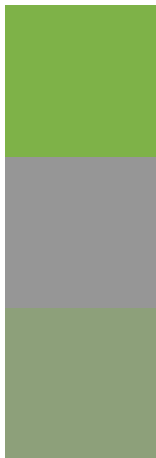
**Original Color**  
8303176

**Protanomaly**  
10594373

**Deuteranomaly**  
11379532

**Tritanomaly**  
8956813

# Monochromacy



**Original Color**  
8303176

**Achromatopsia**  
9868950

**Achromatomaly**  
9281658

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8303176 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 #7EB248 looks like.

```
.text, #text, p{  
    color:#7EB248  
}
```

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 #7EB248 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EB248
}
```

## Border

The CSS property to change the border of an element to Decimal 8303176 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
#7EB248 }
```

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

```
.border{ border-color:#7EB248 }
```

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

Here you see how a box with a 4 pixel #7EB248 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EB248; -webkit-box-shadow:4px 4px  
4px 4px #7EB248; box-shadow:4px 4px 4px  
4px #7EB248 }
```

# Background

The CSS property to change the background color of an element to Decimal 8303176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EB248 }
```

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

```
.background{ background-color:#7EB248 }
```

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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