

Converting Colors

Decimal(8890174)

Have a look what the booklet for
Decimal(8890174) contains.

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Color

Decimal(8890174)

Conversions

Conversions Part 1

Format	Color
Hex	87A73E
RGB	135, 167, 62
RGB Percent	53%, 65%, 24%
CMY	0.4706, 0.3451, 0.7569
CMYK	0.19, 0.00, 0.63, 0.35
HSL	78°, 46%, 45%
HSV	78°, 63%, 65%
XYZ	24.6799, 33.1361, 9.6526
YIQ	145.4620, 14.6330, -39.4390

Conversions

Conversions Part 2

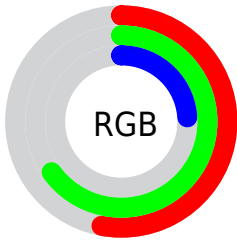
Format	Color
RYB	62, 167, 94
Decimal	8890174
CIELab	64.27, -27.01, 49.22
CIELCh	64, 56.144, 118.756
Yxy	33.1361, 0.3658, 0.4911
Android (android.graphics.Color)	4287080254 (0xFF87A73E)
YUV	145.4620, -41.1468, -9.1752
Hunter-Lab	57.5640, -24.2072, 30.3528

Details

The Decimal color **8890174** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6176423**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **12574322**, and **5403393** is the 20% darker color. If you saturate the color by 10%, you get **8562477**, and if you desaturate by 10%, it is **9217871**.

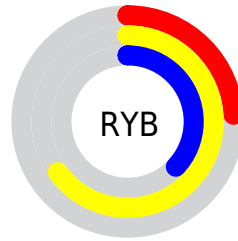
Distribution



Red (53%)

Green (65%)

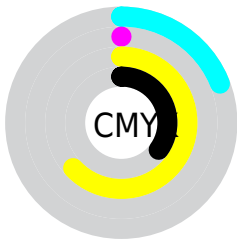
Blue (24%)



Red (24%)

Yellow (65%)

Blue (37%)

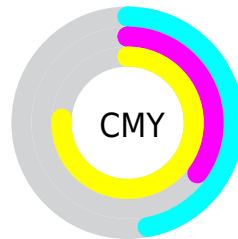


Cyan (19%)

Magenta (0%)

Yellow (63%)

Black (35%)



Cyan (47%)



















Magenta (35%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8890174 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 8890174 by changing the saturation by 10% instead.

 8890174	 8890174
16777215	 7114019
 12574322	 5403393
 14416781	 3693056
 16318376	 1982976
 16777156	 11264
 16777184	 6144
16777214	 0
 8890174	 8890174
 8562477	 9217871

■ 8234781

■ 9545567

■ 7907084

■ 9873264

■ 7644928

■ 10200961

■ 10528658

■ 10921890

■ 11249587

■ 11577284

■ 11904980

Harmonies

Analogous

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



12163377



8890174



4370533

Triad

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



8890174



44785



16019360

Complementary

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



8890174



6176423

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.



14121937



8890174



238335

Square

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



8890174



46283



10129396



16151662

Rectangle

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



8890174



45959



10129396



15626673

Sweetspot

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



8890174



13425072



10968638



6712916



15592941



7237230

Same Dimension

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



8890174



11000118



5482302



5395532



6788096



922624

Inverse Universe

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



6176423



6829785



9584295



5131348



2949268



393236

Previews

White Background



This preview shows how the Decimal color 8890174 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



This preview shows how the Decimal color 8890174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

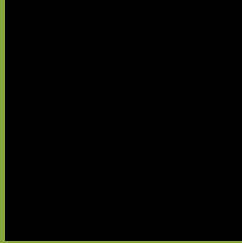
Any Text WCAG AA ✓ Pass

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 8890174 Background



This preview shows how black text looks on a background with the Decimal color 8890174.



This preview shows how white text looks on a background with the Decimal color 8890174.

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](#).

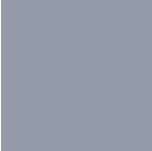
Dichromacy



Original Color
8890174

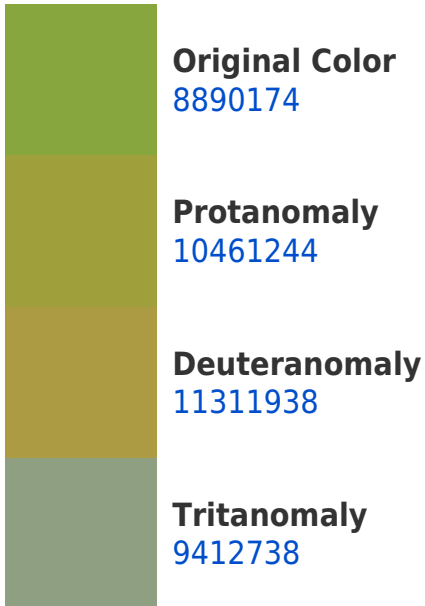
Protanopia
11377723

Deuteranopia
12686404



Tritanopia
9739433

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 8890174 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 #87A73E looks like.

```
.text, #text, p{  
  color:#87A73E  
}
```

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 #87A73E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87A73E
}
```

Border

The CSS property to change the border of an element to Decimal 8890174 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
#87A73E }
```

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

```
.border{ border-color:#87A73E }
```

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

Here you see how a box with a 4 pixel #87A73E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87A73E; -webkit-box-shadow:4px 4px  
4px 4px #87A73E; box-shadow:4px 4px 4px  
4px #87A73E }
```

Background

The CSS property to change the background color of an element to Decimal 8890174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87A73E }
```

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

```
.background{ background-color:#87A73E }
```

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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