

Converting Colors

Decimal(8766090)

Have a look what the booklet for
Decimal(8766090) contains.

Decimal(8766090)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(8766090)

Conversions

Conversions Part 1

Format	Color
Hex	85C28A
RGB	133, 194, 138
RGB Percent	52%, 76%, 54%
CMY	0.4784, 0.2392, 0.4588
CMYK	0.31, 0.00, 0.29, 0.24
HSL	125°, 33%, 64%
HSV	125°, 31%, 76%
XYZ	33.5521, 45.4051, 31.0404
YIQ	169.3770, -18.3800, -30.3480

Conversions

Conversions Part 2

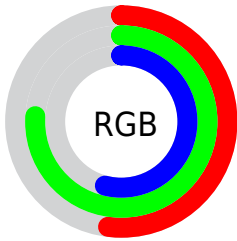
Format	Color
RYB	133, 189, 194
Decimal	8766090
CIELab	73.16, -30.93, 22.09
CIElCh	73, 38.009, 144.465
Yxy	45.4051, 0.3050, 0.4128
Android (android.graphics.Color)	4286956170 (0xFF85C28A)
YUV	169.3770, -15.4689, -31.9026
Hunter-Lab	67.3833, -29.0405, 19.8561

Details

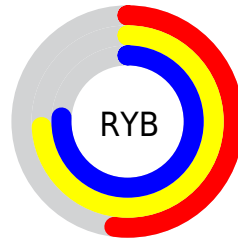
The Decimal color **8766090** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **12748221**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **12385216**, and **5344344** is the 20% darker color. If you saturate the color by 10%, you get **7520888**, and if you desaturate by 10%, it is **10011292**.

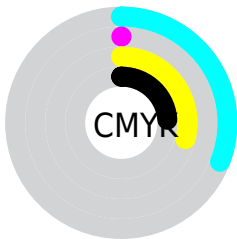
Distribution



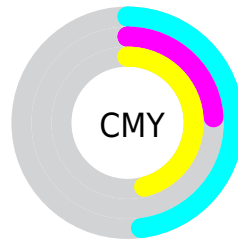
- Red (52%)
- Green (76%)
- Blue (54%)



- Red (52%)
- Yellow (74%)
- Blue (76%)



- Cyan (31%)
- Magenta (0%)
- Yellow (29%)
- Black (24%)



- Cyan (48%)
- Magenta (24%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8766090 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 8766090 by changing the saturation by 10% instead.



8766090



8766090

16777215



7055216



12385216



5344344



14221276



3633728



16121848



1923369



16659



11008



4864



0



8766090



8766090

 7520888

 10011292

 6210150

 11322030


 4964949

 12567231

 3654211

 13877969

 2409009

 15123171

 1163807

 16368373

 49680

 16761599

Harmonies

Analogous

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



11450995



8766090



5818028

Triad

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



8766090



7846392



16292505

Complementary

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



8766090



12748221

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.



15899068



8766090



11513331

Square

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



8766090



3982059



14262749



15442812

Rectangle

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



8766090



3786436



14262749



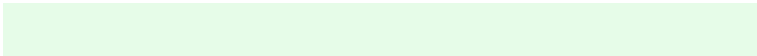
16292260

Sweetspot

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



8766090



15138024



12501637



7438451



0



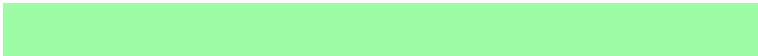
8421504

Same Dimension

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



8766090



10353828



8766120



5726552



41229



8451

Inverse Universe

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



12748221



16555509



12748191



6379360



10551443



2162718

Previews

White Background



This preview shows how the Decimal color 8766090 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 8766090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

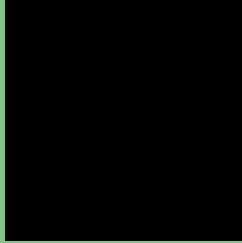
Any Text WCAG AA ✓ Pass

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 8766090 Background



This preview shows how black text looks on a background with the Decimal color 8766090.



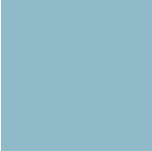
This preview shows how white text looks on a background with the Decimal color 8766090.

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
9550537

Trichromacy



Original Color
8766090

Protanomaly
11253894

Deuteranomaly
11908237

Tritanomaly
9289138

Monochromacy



Original Color
8766090

Achromatopsia
11119017

Achromatomaly
10269342

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8766090 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 #85C28A looks like.

```
.text, #text, p{  
    color:#85C28A  
}
```

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 #85C28A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85C28A
}
```

Border

The CSS property to change the border of an element to Decimal 8766090 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
#85C28A }
```

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

```
.border{ border-color:#85C28A }
```

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

Here you see how a box with a 4 pixel #85C28A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85C28A; -webkit-box-shadow:4px 4px  
4px 4px #85C28A; box-shadow:4px 4px 4px  
4px #85C28A }
```

Background

The CSS property to change the background color of an element to Decimal 8766090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85C28A }
```

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

```
.background{ background-color:#85C28A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor