

Converting Colors

Decimal(15788196)

Have a look what the booklet for
Decimal(15788196) contains.

Decimal(15788196)	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(15788196)

Conversions

Conversions Part 1

Format	Color
Hex	F0E8A4
RGB	240, 232, 164
RGB Percent	94%, 91%, 64%
CMY	0.0588, 0.0902, 0.3569
CMYK	0.00, 0.03, 0.32, 0.06
HSL	54°, 72%, 79%
HSV	54°, 32%, 94%
XYZ	71.4926, 78.9188, 46.5868
YIQ	226.6400, 26.5960, -19.4520

Conversions

Conversions Part 2

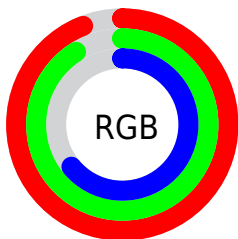
Format	Color
RYB	173, 240, 164
Decimal	15788196
CIELab	91.20, -7.34, 34.12
CIELCh	91, 34.898, 102.139
Yxy	78.9188, 0.3629, 0.4006
Android (android.graphics.Color)	4293978276 (0xFFFF0E8A4)
YUV	226.6400, -30.8815, 11.7167
Hunter-Lab	88.8363, -11.8123, 31.0930

Details

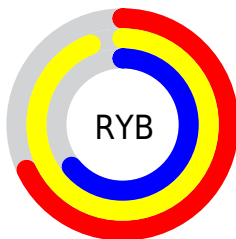
The Decimal color **15788196** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **10792176**, and the grayscale version is **14935011**.

A 20% lighter version of the original color is **16777179**, and **12038511** is the 20% darker color. If you saturate the color by 10%, you get **15787404**, and if you desaturate by 10%, it is **15788988**.

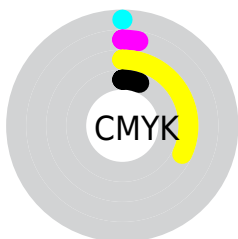
Distribution



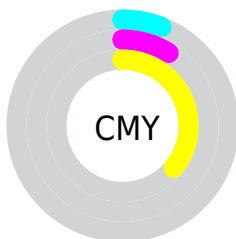
- Red (94%)
- Green (91%)
- Blue (64%)



- Red (68%)
- Yellow (94%)
- Blue (64%)



- Cyan (0%)
- Magenta (3%)
- Yellow (32%)
- Black (6%)



- Cyan (6%)
- Magenta (9%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15788196 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 15788196 by changing the saturation by 10% instead.

 15788196

 15788196

16777215

 13880457

 16777179

 12038511

 16777208

 10262102

 8485950

 6775591

 5065743

 3552512

 1974272

 2048

 15788196

 15788196

 15787404

 15788988

 15786868

 15789524

 15786076

 15790316

 15785540

 15790847

 15784748

 15791615

 15784212

 15792127

 15783680

 15792895

 15793407

 15794175

Harmonies

Analogous

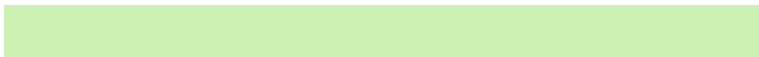
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16768423



15788196



13365683

Triad

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



15788196



8517375



16765179

Complementary

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



15788196



10792176

Split Complementary

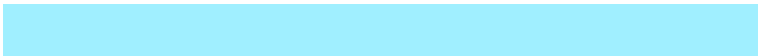
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16570623



15788196



10547199

Square

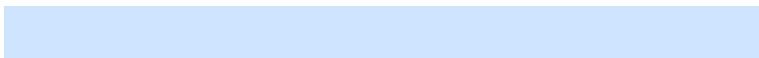
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15788196



8780275



13624575



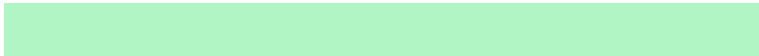
16764377

Rectangle

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



15788196



11662789



13624575



16765695

Sweetspot

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



15788196



16776422



15770797



8420976



0



8421504

Same Dimension

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



15788196



16774558



13889700



7894892



12100608



3682816

Inverse Universe

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



10792176



10397951



12690672



7105912



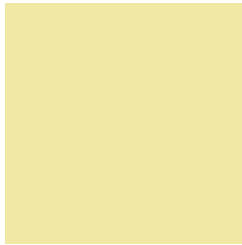
5048



1592

Previews

White Background



This preview shows how the Decimal color 15788196 looks on a white background.

Color Contrast Check

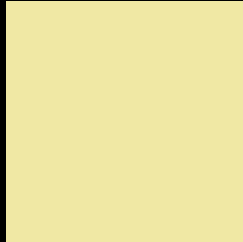
Large Text (above 18pt) WCAG AA × Fail

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 15788196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

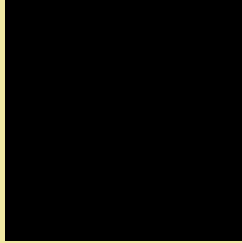
Any Text WCAG AA ✓ Pass

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 15788196 Background



This preview shows how black text looks on a background with the Decimal color 15788196.



This preview shows how white text looks on a background with the Decimal color 15788196.

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](#).

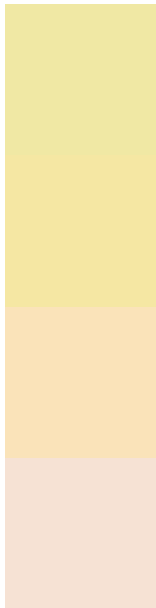
Dichromacy





Tritanopia
16375536

Trichromacy



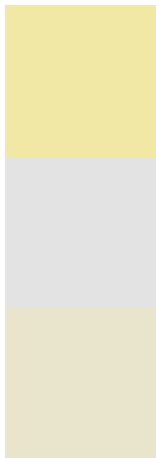
Original Color
15788196

Protanomaly
16115619

Deuteranomaly
16442297

Tritanomaly
16179924

Monochromacy



Original Color
15788196

Achromatopsia
14935011

Achromatomaly
15263180

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15788196 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 #F0E8A4 looks like.

```
.text, #text, p{  
    color:#F0E8A4  
}
```

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 #F0E8A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0E8A4
}
```

Border

The CSS property to change the border of an element to Decimal 15788196 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
#F0E8A4 }
```

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

```
.border{ border-color:#F0E8A4 }
```

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

Here you see how a box with a 4 pixel #F0E8A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0E8A4; -webkit-box-shadow:4px 4px  
4px 4px #F0E8A4; box-shadow:4px 4px 4px  
4px #F0E8A4 }
```

Background

The CSS property to change the background color of an element to Decimal 15788196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0E8A4 }
```

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

```
.background{ background-color:#F0E8A4 }
```

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