

Converting Colors

Decimal(5287794)

Have a look what the booklet for
Decimal(5287794) contains.

Decimal(5287794)	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(5287794)

Conversions

Conversions Part 1

Format	Color
Hex	50AF72
RGB	80, 175, 114
RGB Percent	31%, 69%, 45%
CMY	0.6863, 0.3137, 0.5529
CMYK	0.54, 0.00, 0.35, 0.31
HSL	141°, 37%, 50%
HSV	141°, 54%, 69%
XYZ	21.6755, 33.5803, 21.2588
YIQ	139.6410, -37.0390, -39.1110

Conversions

Conversions Part 2

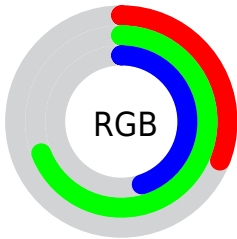
Format	Color
RYB	80, 150, 175
Decimal	5287794
CIELab	64.63, -42.06, 22.99
CIELCh	65, 47.929, 151.339
Yxy	33.5803, 0.2833, 0.4389
Android (android.graphics.Color)	4283477874 (0xFF50AF72)
YUV	139.6410, -12.6410, -52.3052
Hunter-Lab	57.9485, -34.6425, 18.8130

Details

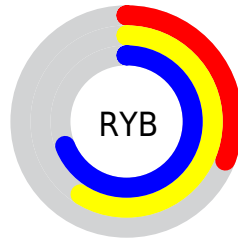
The Decimal color **5287794** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11489421**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **8972198**, and **817729** is the 20% darker color. If you saturate the color by 10%, you get **4173671**, and if you desaturate by 10%, it is **6467453**.

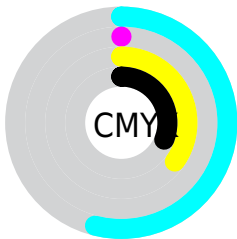
Distribution



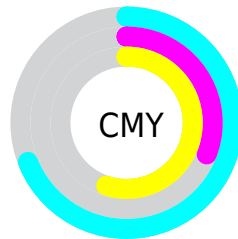
- Red (31%)
- Green (69%)
- Blue (45%)



- Red (31%)
- Yellow (59%)
- Blue (69%)



- Cyan (54%)
- Magenta (0%)
- Yellow (35%)
- Black (31%)



- Cyan (69%)
- Magenta (31%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5287794 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 5287794 by changing the saturation by 10% instead.

■ 5287794

■ 5287794

16777215

■ 3380313

■ 8972198

■ 817729

■ 10813378

■ 24618

■ 12713950

■ 18196

■ 14614522

■ 12288

■ 16515071

■ 6400

■ 0

■ 5287794

■ 5287794

■ 4173671

■ 6467453

 2994012

 7581576

 1879888


 8761236

 700229

 9875359

 44863

 11055018

 12169141

 13348801

 14462924

 15642583

Harmonies

Analogous

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



8955729



5287794



45725

Triad

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



5287794



5415410



15433075

Complementary

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



5287794



11489421

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.



15431837



5287794



10654182

Square

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



5287794



44263



13861319



14060626

Rectangle

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



5287794



45755



13861319



15563392

Sweetspot

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



5287794



12575692



9350992



6124389



15921906



7566195

Same Dimension

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



5287794



5235588



5287841



5134161



38454



5896

Inverse Universe

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



11489421



14897070



11489374



5721684



9830497



1507343

Previews

White Background



This preview shows how the Decimal color 5287794 looks on a white background.

Color Contrast Check

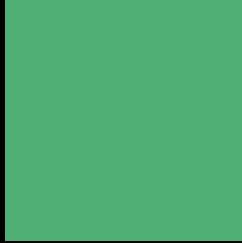
Large Text (above 18pt) WCAG AA × Fail

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 5287794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

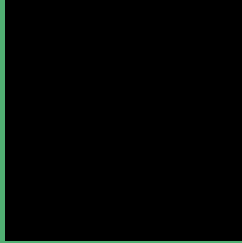
Any Text WCAG AA ✓ Pass

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 5287794 Background



This preview shows how black text looks on a background with the Decimal color 5287794.




This preview shows how white text looks on a background with the Decimal color 5287794.

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](#).

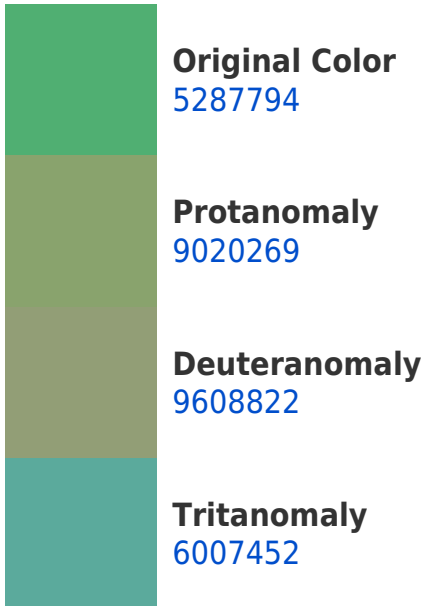
Dichromacy



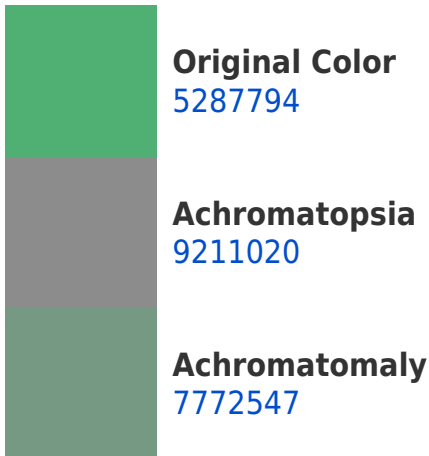


Tritanopia
6465460

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5287794 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 #50AF72 looks like.

```
.text, #text, p{  
  color:#50AF72  
}
```

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 #50AF72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50AF72
}
```

Border

The CSS property to change the border of an element to Decimal 5287794 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
#50AF72 }
```

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

```
.border{ border-color:#50AF72 }
```

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

Here you see how a box with a 4 pixel #50AF72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50AF72; -webkit-box-shadow:4px 4px  
4px 4px #50AF72; box-shadow:4px 4px 4px  
4px #50AF72 }
```

Background

The CSS property to change the background color of an element to Decimal 5287794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50AF72 }
```

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

```
.background{ background-color:#50AF72 }
```

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