

Converting Colors

Decimal(5612921)

Have a look what the booklet for
Decimal(5612921) contains.

Decimal(5612921)	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(5612921)

Conversions

Conversions Part 1

Format	Color
Hex	55A579
RGB	85, 165, 121
RGB Percent	33%, 65%, 47%
CMY	0.6667, 0.3529, 0.5255
CMYK	0.48, 0.00, 0.27, 0.35
HSL	147°, 32%, 49%
HSV	147°, 48%, 65%
XYZ	20.6526, 30.2220, 22.8341
YIQ	136.0640, -33.5560, -30.6440

Conversions

Conversions Part 2

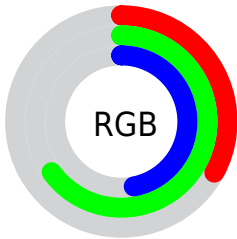
Format	Color
RYB	85, 140, 165
Decimal	5612921
CIELab	61.85, -34.94, 15.39
CIElCh	62, 38.184, 156.228
Yxy	30.2220, 0.2802, 0.4100
Android (android.graphics.Color)	4283803001 (0xFF55A579)
YUV	136.0640, -7.4266, -44.7831
Hunter-Lab	54.9746, -29.1473, 13.8557

Details

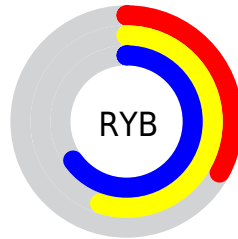
The Decimal color **5612921** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10835329**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **9166253**, and **1863752** is the 20% darker color. If you saturate the color by 10%, you get **4498800**, and if you desaturate by 10%, it is **6661506**.

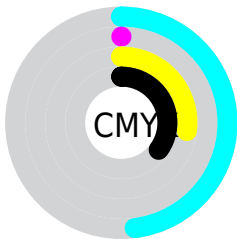
Distribution



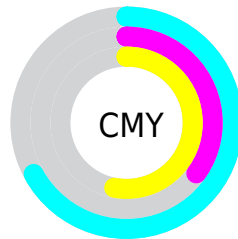
- Red (33%)
- Green (65%)
- Blue (47%)



- Red (33%)
- Yellow (55%)
- Blue (65%)



- Cyan (48%)
- Magenta (0%)
- Yellow (27%)
- Black (35%)



- Cyan (67%)
- Magenta (35%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5612921 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 5612921 by changing the saturation by 10% instead.

■ 5612921

■ 5612921

16777215

■ 3836512

■ 9166253

■ 1863752

■ 11008457

■ 22321

■ 12845029

■ 16156

■ 14745599

■ 10500

■ 16646143

■ 3072

■ 0

■ 5612921

■ 5612921

■ 4498800

■ 6661506

■ 3450215

■ 7775627

■ 2336094

■ 8824212

■ 1287509

■ 9938333

■ 173388

■ 10986918

■ 42314

■ 12101039

■ 13149625

■ 14263746

■ 15312331

Harmonies

Analogous

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



8429405



5612921



1091484

Triad

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



5612921



7247576



13860719

Complementary

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



5612921



10835329

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.



14056080



5612921



10652364

Square

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



5612921



2203859



12943281



12683864

Rectangle

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



5612921



42930



12943281



14056825

Sweetspot

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



5612921



11982533



8496469



5794656



15461355



7039851

Same Dimension

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



5612921



5953170



5612960



4805197



37185



4616

Inverse Universe

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



10835329



14047902



10835289



5392718



9502800



1179658

Previews

White Background



This preview shows how the Decimal color 5612921 looks on a white background.

Color Contrast Check

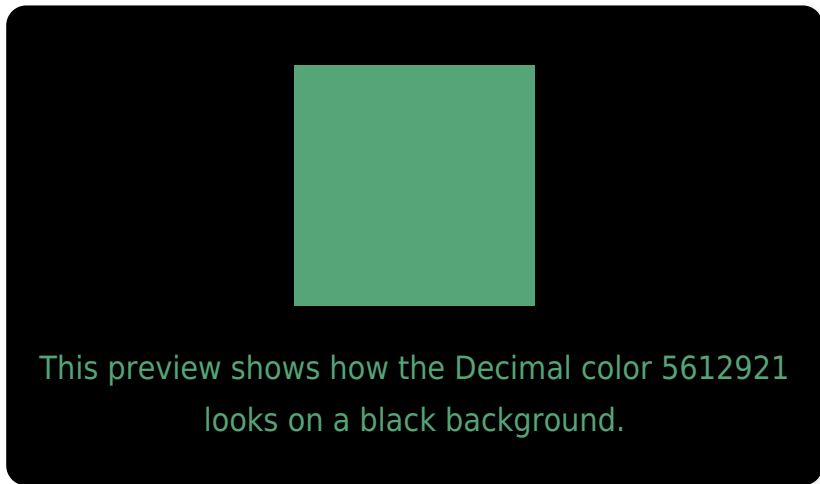
Large Text (above 18pt) WCAG AA × Fail

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

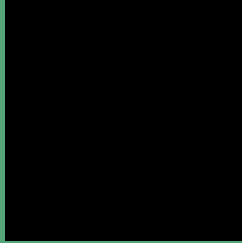
Any Text WCAG AA ✓ Pass

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 5612921 Background



This preview shows how black text looks on a background with the Decimal color 5612921.



This preview shows how white text looks on a background with the Decimal color 5612921.

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
5612921

Protanopia
10458225

Deuteranopia
11243390



Tritanopia
6463147

Trichromacy



Original Color

5612921



Protanomaly

8690292



Deuteranomaly

9213820



Tritanomaly

6136217

Monochromacy



Original Color

5612921



Achromatopsia

8947848



Achromatomaly

7705475

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5612921 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 #55A579 looks like.

```
.text, #text, p{  
  color:#55A579  
}
```

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 #55A579 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55A579
}
```

Border

The CSS property to change the border of an element to Decimal 5612921 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
#55A579 }
```

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

```
.border{ border-color:#55A579 }
```

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

Here you see how a box with a 4 pixel #55A579 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55A579; -webkit-box-shadow:4px 4px  
4px 4px #55A579; box-shadow:4px 4px 4px  
4px #55A579 }
```

Background

The CSS property to change the background color of an element to Decimal 5612921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55A579 }
```

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

```
.background{ background-color:#55A579 }
```

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