

Converting Colors

Decimal(5620621)

Have a look what the booklet for
Decimal(5620621) contains.

Decimal(5620621)	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(5620621)

Conversions

Conversions Part 1

Format	Color
Hex	55C38D
RGB	85, 195, 141
RGB Percent	33%, 76%, 55%
CMY	0.6667, 0.2353, 0.4471
CMYK	0.56, 0.00, 0.28, 0.24
HSL	151°, 48%, 55%
HSV	151°, 56%, 76%
XYZ	28.0691, 42.8846, 31.9975
YIQ	155.9540, -48.2260, -40.1140

Conversions

Conversions Part 2

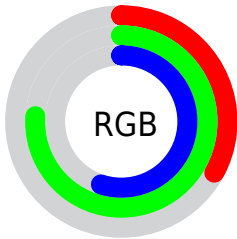
Format	Color
RYB	85, 158, 195
Decimal	5620621
CIELab	71.48, -44.09, 17.85
CIELCh	71, 47.566, 157.955
Yxy	42.8846, 0.2726, 0.4166
Android (android.graphics.Color)	4283810701 (0xFF55C38D)
YUV	155.9540, -7.3723, -62.2267
Hunter-Lab	65.4863, -38.0914, 16.8706

Details

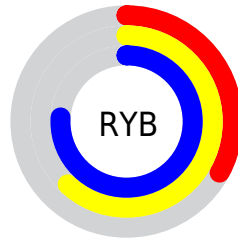
The Decimal color **5620621** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **12801419**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **9436355**, and **625755** is the 20% darker color. If you saturate the color by 10%, you get **4375427**, and if you desaturate by 10%, it is **6931351**.

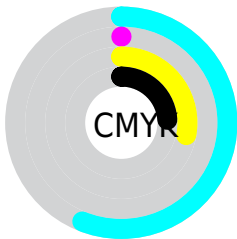
Distribution



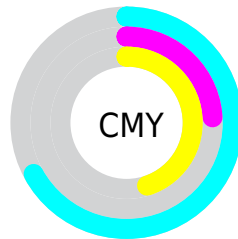
- Red (33%)
- Green (76%)
- Blue (55%)



- Red (33%)
- Yellow (62%)
- Blue (76%)



- Cyan (56%)
- Magenta (0%)
- Yellow (28%)
- Black (24%)



- Cyan (67%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5620621 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 5620621 by changing the saturation by 10% instead.



5620621



5620621

16777215



3581811



9436355



625755



11337695



29251



13238267



22828



15138815



16407



11008



2560



0



5620621



5620621

■ 4375427

■ 6931351

■ 3064698

■ 8176544

■ 1753968

■ 9487274

■ 508775

■ 10732467

■ 50019

■ 12043197

■ 13288390

■ 14533584

■ 15844314

■ 16761827

Harmonies

Analogous

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



9485416



5620621



50874

Triad

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



5620621



8237311



16552828

Complementary

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



5620621



12801419

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.



16747429



5620621



12754932

Square

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



5620621



48383



15634897



14983519

Rectangle

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



5620621



50646



15634897



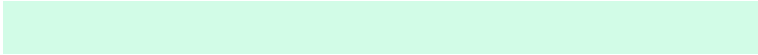
16748425

Sweetspot

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



5620621



13827303



9225045



6717555



0



8421504

Same Dimension

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



5620621



5373096



5620675



5726556



41298



8465

Inverse Universe

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



12801419



16535973



12801365



6379356



10551375



2162704

Previews

White Background



This preview shows how the Decimal color 5620621 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 5620621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

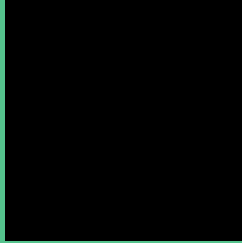
Any Text WCAG AA ✓ Pass

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 5620621 Background



This preview shows how black text looks on a background with the Decimal color 5620621.

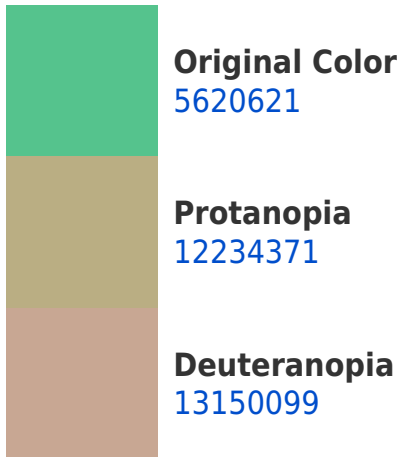


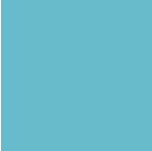
This preview shows how white text looks on a background with the Decimal color 5620621.

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
6798282

Trichromacy



Original Color

5620621



Protanomaly

9811591



Deuteranomaly

10400145



Tritanomaly

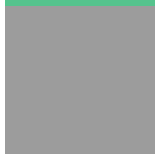
6340276

Monochromacy



Original Color

5620621



Achromatopsia

10263708



Achromatomaly

8563351

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5620621 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 #55C38D looks like.

```
.text, #text, p{  
    color:#55C38D  
}
```

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 #55C38D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55C38D
}
```

Border

The CSS property to change the border of an element to Decimal 5620621 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
#55C38D }
```

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

```
.border{ border-color:#55C38D }
```

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

Here you see how a box with a 4 pixel #55C38D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55C38D; -webkit-box-shadow:4px 4px  
4px 4px #55C38D; box-shadow:4px 4px 4px  
4px #55C38D }
```

Background

The CSS property to change the background color of an element to Decimal 5620621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55C38D }
```

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

```
.background{ background-color:#55C38D }
```

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