

# Converting Colors

Decimal(5613201)

Have a look what the booklet for  
Decimal(5613201) contains.

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# **Color**

**Decimal(5613201)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55A691
RGB	85, 166, 145
RGB Percent	33%, 65%, 57%
CMY	0.6667, 0.3490, 0.4314
CMYK	0.49, 0.00, 0.13, 0.35
HSL	164°, 32%, 49%
HSV	164°, 49%, 65%
XYZ	22.4934, 31.2481, 31.6340
YIQ	139.3870, -41.5350, -23.7030

# Conversions

## Conversions Part 2

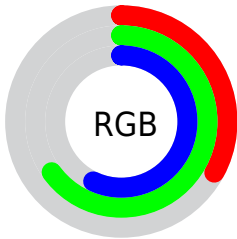
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 132, 166
Decimal	5613201
CIELab	62.72, -30.02, 3.26
CIElCh	63, 30.198, 173.812
Yxy	31.2481, 0.2635, 0.3660
Android (android.graphics.Color)	4283803281 (0xFF55A691)
YUV	139.3870, 2.7672, -47.6974
Hunter-Lab	55.9000, -25.9990, 5.5775

# Details

The Decimal color **5613201** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10900842**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **9231815**, and **1733215** is the 20% darker color. If you saturate the color by 10%, you get **4499085**, and if you desaturate by 10%, it is **6727317**.

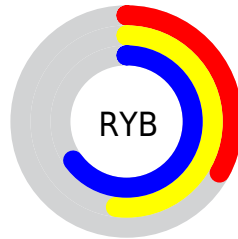
# Distribution



Red (33%)

Green (65%)

Blue (57%)



Red (33%)

Yellow (52%)

Blue (65%)

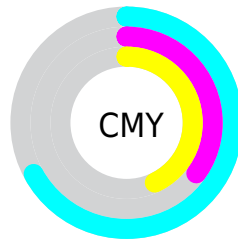


Cyan (49%)

Magenta (0%)

Yellow (13%)

Black (35%)



Cyan (67%)

Magenta (35%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5613201 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 5613201 by changing the saturation by 10% instead.





5613201



5613201

16777215



3771255



9231815



1733215



11074275



22855



12910591



16689



14811135



10780

16711679



4353



0



5613201



5613201



4499085



6727317

■ 3450504

■ 7775898

■ 2336388

■ 8890014

■ 1287808

■ 9938594

■ 173691

■ 11052711

■ 42619

■ 12166827

■ 13215407

■ 14329523

■ 15378104

# Harmonies

## Analogous

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



7709559



5613201



4040364

# Triad

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



5613201



9671625



12815213

# Complementary

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



5613201



10900842

# 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.



13469059



5613201



11831992

# Square

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



5613201



7052493



13141150



11506786

# Rectangle

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



5613201



4105404



13141150



13142132



# Sweetspot

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



5613201



12114384



7054933



5926505



15592941



7237230



# Same Dimension

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



5613201



5888440



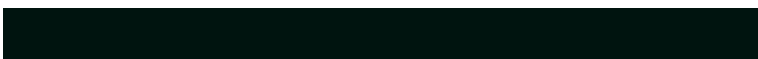
5608358



5002322



37998



5135



# Inverse Universe

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



10900842



14244218



10905685



5524558



9699366

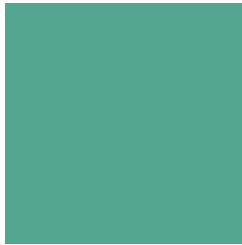


1310725



# Previews

## White Background



This preview shows how the Decimal color 5613201 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 5613201 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

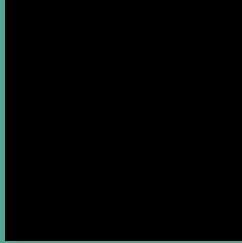
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5613201 Background



This preview shows how black text looks on a background with the Decimal color 5613201.



This preview shows how white text looks on a background with the Decimal color 5613201.

# 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





# Trichromacy



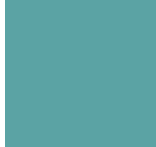
**Original Color**  
5613201



**Protanomaly**  
8625292



**Deuteranomaly**  
9017748



**Tritanomaly**  
6005668

# Monochromacy



**Original Color**  
5613201



**Achromatopsia**  
9145227



**Achromatomaly**  
7837069

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5613201 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 #55A691 looks like.

```
.text, #text, p{  
  color:#55A691  
}
```

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 #55A691 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55A691
}
```

## Border

The CSS property to change the border of an element to Decimal 5613201 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
#55A691 }
```

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

```
.border{ border-color:#55A691 }
```

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

Here you see how a box with a 4 pixel #55A691 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55A691; -webkit-box-shadow:4px 4px  
4px 4px #55A691; box-shadow:4px 4px 4px  
4px #55A691 }
```

# Background

The CSS property to change the background color of an element to Decimal 5613201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55A691 }
```

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

```
.background{ background-color:#55A691 }
```

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](#).



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