

Converting Colors

Decimal(5612201)

Have a look what the booklet for
Decimal(5612201) contains.

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Color

Decimal(5612201)

Conversions

Conversions Part 1

Format	Color
Hex	55A2A9
RGB	85, 162, 169
RGB Percent	33%, 64%, 66%
CMY	0.6667, 0.3647, 0.3373
CMYK	0.50, 0.04, 0.00, 0.34
HSL	185°, 33%, 50%
HSV	185°, 50%, 66%
XYZ	23.8281, 30.6365, 42.1937
YIQ	139.7750, -48.1390, -14.1470

Conversions

Conversions Part 2

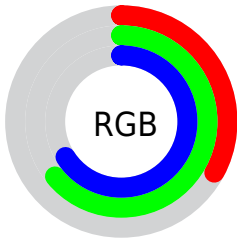
Format	Color
RYB	85, 125, 169
Decimal	5612201
CIELab	62.20, -21.79, -10.98
CIElCh	62, 24.406, 206.749
Yxy	30.6365, 0.2465, 0.3170
Android (android.graphics.Color)	4283802281 (0xFF55A2A9)
YUV	139.7750, 14.4079, -48.0377
Hunter-Lab	55.3503, -20.0194, -6.4518

Details

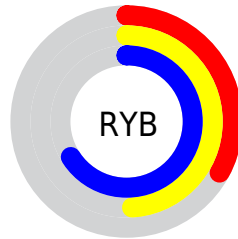
The Decimal color **5612201** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **11099221**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **9230816**, and **1535605** is the 20% darker color. If you saturate the color by 10%, you get **4497833**, and if you desaturate by 10%, it is **6726569**.

Distribution



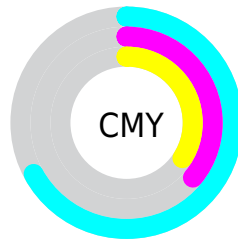
- Red (33%)
- Green (64%)
- Blue (66%)



- Red (33%)
- Yellow (49%)
- Blue (66%)



- Cyan (50%)
- Magenta (4%)
- Yellow (0%)
- Black (34%)



- Cyan (67%)
- Magenta (36%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5612201 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 5612201 by changing the saturation by 10% instead.



5612201



5612201

16777215



3704975



9230816



1535605



11138813



21852



12976127



15941



14876671



10287



4122



0



5612201



5612201



4497833



6726569

■ 3383209

■ 7841193

■ 2268841

■ 8955561

■ 1154217

■ 10070185

■ 105385

■ 11119017

■ 39849

■ 12233385

■ 13348009

■ 14462377

■ 15577001

Harmonies

Analogous

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



6464147



5612201



6201274

Triad

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



5612201



11570094



11048043

Complementary

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



5612201



11099221

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.



12160371



5612201



12552090

Square

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



5612201



9933501



12748932



9608047

Rectangle

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



5612201



7248832



12748932



11506285

Sweetspot

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



5612201



12245467



5613916



5925998



15592941



7237230

Same Dimension

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



5612201



5820635



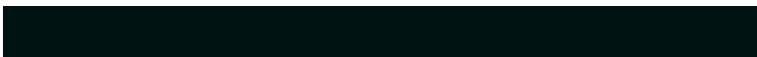
5601449



5002068



34964



4884

Inverse Universe

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



11097506



14375120



11109973



5524563



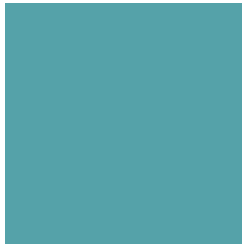
9699464



1310739

Previews

White Background



This preview shows how the Decimal color 5612201 looks on a white background.

Color Contrast Check

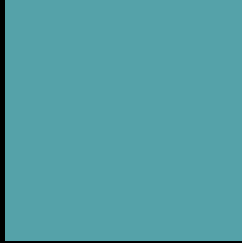
Large Text (above 18pt) WCAG AA × Fail

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 5612201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

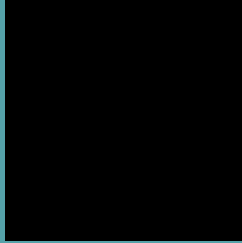
Any Text WCAG AA ✓ Pass

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 5612201 Background



This preview shows how black text looks on a background with the Decimal color 5612201.

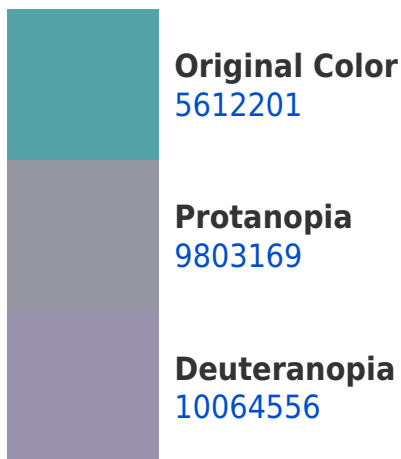


This preview shows how white text looks on a background with the Decimal color 5612201.

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](#).

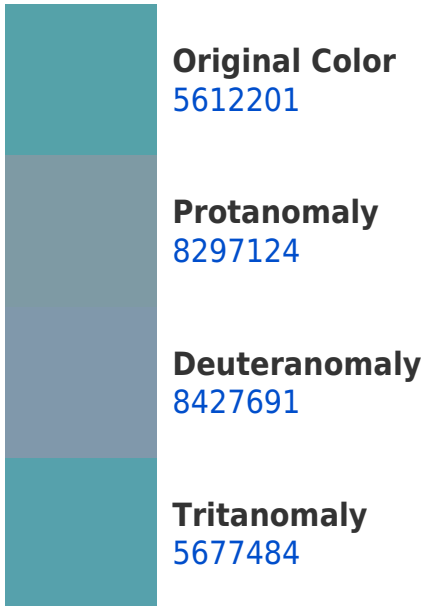
Dichromacy





Tritanopia
5743022

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5612201 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 #55A2A9 looks like.

```
.text, #text, p{  
    color:#55A2A9  
}
```

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 #55A2A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55A2A9
}
```

Border

The CSS property to change the border of an element to Decimal 5612201 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
#55A2A9 }
```

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

```
.border{ border-color:#55A2A9 }
```

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

Here you see how a box with a 4 pixel #55A2A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55A2A9; -webkit-box-shadow:4px 4px  
4px 4px #55A2A9; box-shadow:4px 4px 4px  
4px #55A2A9 }
```

Background

The CSS property to change the background color of an element to Decimal 5612201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55A2A9 }
```

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

```
.background{ background-color:#55A2A9 }
```

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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