

Converting Colors

Decimal(5941401)

Have a look what the booklet for
Decimal(5941401) contains.

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Color

Decimal(5941401)

Conversions

Conversions Part 1

Format	Color
Hex	5AA899
RGB	90, 168, 153
RGB Percent	35%, 66%, 60%
CMY	0.6471, 0.3412, 0.4000
CMYK	0.46, 0.00, 0.09, 0.34
HSL	168°, 31%, 51%
HSV	168°, 46%, 66%
XYZ	23.9689, 32.4788, 35.1427
YIQ	142.9680, -41.6730, -21.2010

Conversions

Conversions Part 2

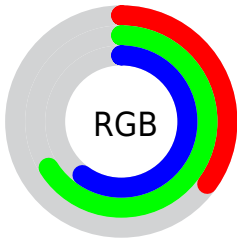
Format	Color
RYB	90, 133, 168
Decimal	5941401
CIELab	63.74, -27.80, 0.29
CIELCh	64, 27.801, 179.408
Yxy	32.4788, 0.2617, 0.3546
Android (android.graphics.Color)	4284131481 (0xFF5AA899)
YUV	142.9680, 4.9458, -46.4529
Hunter-Lab	56.9902, -24.6596, 3.3322

Details

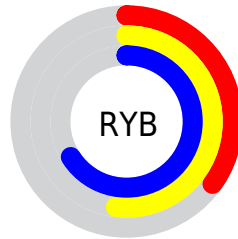
The Decimal color **5941401** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11033193**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **9560271**, and **2192230** is the 20% darker color. If you saturate the color by 10%, you get **4827286**, and if you desaturate by 10%, it is **7055516**.

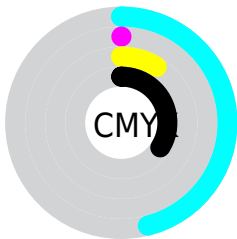
Distribution



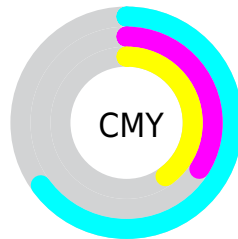
- Red (35%)
- Green (66%)
- Blue (60%)



- Red (35%)
- Yellow (52%)
- Blue (66%)



- Cyan (46%)
- Magenta (0%)
- Yellow (9%)
- Black (34%)



- Cyan (65%)
- Magenta (34%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5941401 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 5941401 by changing the saturation by 10% instead.

■ 5941401

■ 5941401

16777215

■ 4164991

■ 9560271

■ 2192230

■ 11402475

■ 23374

■ 13238271

■ 17207

■ 15138815

■ 11298

■ 5644

■ 0

■ 5941401

■ 5941401

■ 4827286

■ 7055516

■ 3713171

■ 8169631

■ 2664591

■ 9218211

■ 1550476

■ 10332326

■ 436361

■ 11446441

■ 43144

■ 12560556

■ 13674672

■ 14723251

■ 15837366

Harmonies

Analogous

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



7710336



5941401



4958130

Triad

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



5941401



10327237



12685425

Complementary

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



5941401



11033193

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.



13339267



5941401



12225716

Square

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



5941401



7970251



13207708



11311465

Rectangle

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



5941401



5285311



13207708



12947062

Sweetspot

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



5941401



12442581



6989914



5992042



15592941



7237230

Same Dimension

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



5941401



6347716



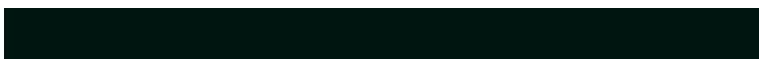
5935528



5002323



38007



5136

Inverse Universe

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



11033193



14377080



11039066



5524557



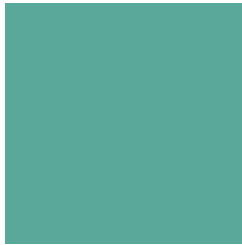
9699356



1310724

Previews

White Background



This preview shows how the Decimal color 5941401 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 5941401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

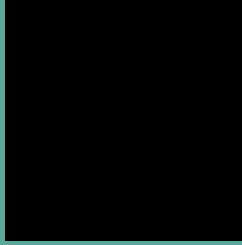
Any Text WCAG AA ✓ Pass

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 5941401 Background



This preview shows how black text looks on a background with the Decimal color 5941401.

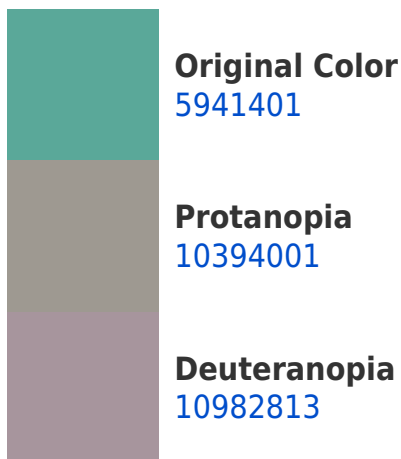



This preview shows how white text looks on a background with the Decimal color 5941401.

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



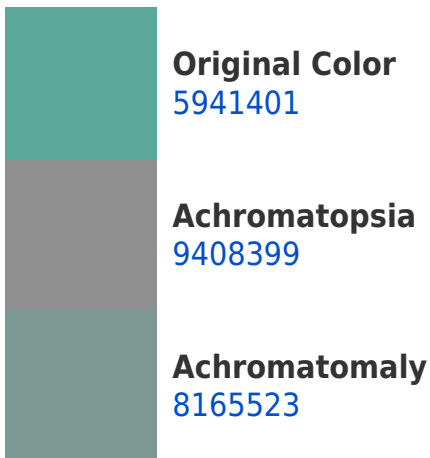


Tritanopia
6399154

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5941401 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 #5AA899 looks like.

```
.text, #text, p{  
    color:#5AA899  
}
```

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 #5AA899 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AA899
}
```

Border

The CSS property to change the border of an element to Decimal 5941401 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
#5AA899 }
```

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

```
.border{ border-color:#5AA899 }
```

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

Here you see how a box with a 4 pixel #5AA899 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AA899; -webkit-box-shadow:4px 4px  
4px 4px #5AA899; box-shadow:4px 4px 4px  
4px #5AA899 }
```

Background

The CSS property to change the background color of an element to Decimal 5941401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AA899 }
```

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

```
.background{ background-color:#5AA899 }
```

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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