

# Converting Colors

Decimal(6203789)

Have a look what the booklet for  
Decimal(6203789) contains.

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# **Color**

**Decimal(6203789)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EA98D
RGB	94, 169, 141
RGB Percent	37%, 66%, 55%
CMY	0.6314, 0.3373, 0.4471
CMYK	0.44, 0.00, 0.17, 0.34
HSL	158°, 30%, 52%
HSV	158°, 44%, 66%
XYZ	23.6118, 32.6787, 30.2625
YIQ	143.3830, -35.7120, -24.6080

# Conversions

## Conversions Part 2

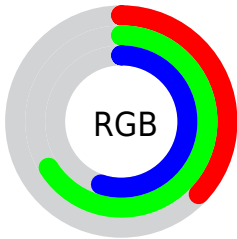
Format	Color
<b>RYB</b>	94, 140, 169
Decimal	6203789
CIELab	63.90, -30.08, 7.24
CIELCh	64, 30.939, 166.470
Yxy	32.6787, 0.2728, 0.3776
Android (android.graphics.Color)	4284393869 (0xFF5EA98D)
YUV	143.3830, -1.1748, -43.3089
Hunter-Lab	57.1653, -26.3109, 8.6285

# Details

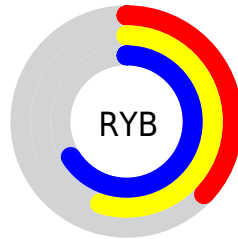
The Decimal color **6203789** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11099770**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **9757123**, and **2585691** is the 20% darker color. If you saturate the color by 10%, you get **5089671**, and if you desaturate by 10%, it is **7317907**.

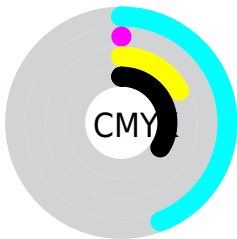
# Distribution



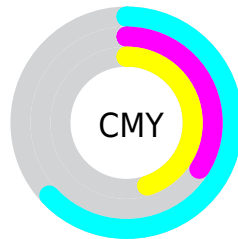
- Red (37%)
- Green (66%)
- Blue (55%)



- Red (37%)
- Yellow (55%)
- Blue (66%)



- Cyan (44%)
- Magenta (0%)
- Yellow (17%)
- Black (34%)



- Cyan (63%)
- Magenta (34%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6203789 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 6203789 by changing the saturation by 10% instead.





6203789



6203789

16777215



4427379



9757123



2585691



11599327



154435



13434875



17197



15335423



11289



5632



0



6203789



6203789



5089671



7317907

■ 3975552

■ 8432026

■ 2861434

■ 9546144

■ 1747316

■ 10660262

■ 698733

■ 11708845

■ 43370

■ 12822963

■ 13937081

■ 15051199

■ 16165318

# Harmonies

## Analogous

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



8365428



6203789



4303529

# Triad

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



6203789



9279695



13339764

# Complementary

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



6203789



11099770

# 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.



13797004



6203789



11636417

# Square

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



6203789



6463952



13207464



12162405

# Rectangle

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



6203789



3910075



13207464



13601147



# Sweetspot

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



6203789



12573649



8104286



6057575



15592941



7237230



# Same Dimension

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



6203789



6806448



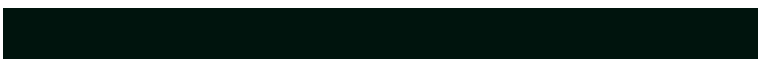
6201513



5002321



37981



5133



# Inverse Universe

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



11099770



14378898



11102046



5524559



9699383



1310728



# Previews

## White Background



This preview shows how the Decimal color 6203789 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 6203789 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

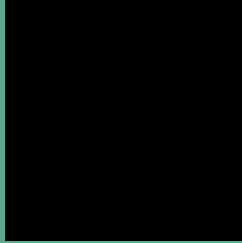
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6203789 Background



This preview shows how black text looks on a background with the Decimal color 6203789.



This preview shows how white text looks on a background with the Decimal color 6203789.

# 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**  
6203789



**Protanomaly**  
9019272



**Deuteranomaly**  
9477264



**Tritanomaly**  
6596260

# Monochromacy



**Original Color**  
6203789



**Achromatopsia**  
9408399



**Achromatomaly**  
8231054

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6203789 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 #5EA98D looks like.

```
.text, #text, p{  
    color:#5EA98D  
}
```

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 #5EA98D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EA98D
}
```

## Border

The CSS property to change the border of an element to Decimal 6203789 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
#5EA98D }
```

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

```
.border{ border-color:#5EA98D }
```

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

Here you see how a box with a 4 pixel #5EA98D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EA98D; -webkit-box-shadow:4px 4px  
4px 4px #5EA98D; box-shadow:4px 4px 4px  
4px #5EA98D }
```

# Background

The CSS property to change the background color of an element to Decimal 6203789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EA98D }
```

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

```
.background{ background-color:#5EA98D }
```

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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