

# Converting Colors

Decimal(6205084)

Have a look what the booklet for  
Decimal(6205084) contains.

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# Color

**Decimal(6205084)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EAE9C
RGB	94, 174, 156
RGB Percent	37%, 68%, 61%
CMY	0.6314, 0.3176, 0.3882
CMYK	0.46, 0.00, 0.10, 0.32
HSL	167°, 33%, 53%
HSV	167°, 46%, 68%
XYZ	25.7529, 35.0521, 36.8609
YIQ	148.0280, -41.9020, -22.5580

# Conversions

## Conversions Part 2

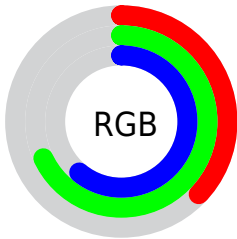
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 139, 174
Decimal	6205084
CIELab	65.79, -29.00, 1.63
CIElCh	66, 29.042, 176.791
Yxy	35.0521, 0.2637, 0.3589
Android (android.graphics.Color)	4284395164 (0xFF5EAE9C)
YUV	148.0280, 3.9302, -47.3826
Hunter-Lab	59.2048, -25.9645, 4.5294

# Details

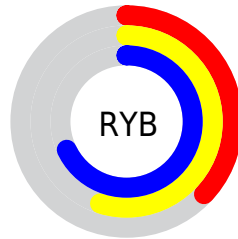
The Decimal color **6205084** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11427440**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **9823954**, and **2455913** is the 20% darker color. If you saturate the color by 10%, you get **5090968**, and if you desaturate by 10%, it is **7319200**.

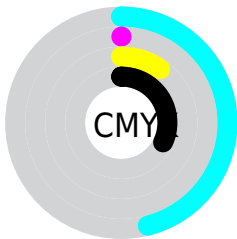
# Distribution



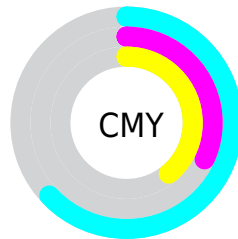
- Red (37%)
- Green (68%)
- Blue (61%)



- Red (37%)
- Yellow (55%)
- Blue (68%)



- Cyan (46%)
- Magenta (0%)
- Yellow (10%)
- Black (32%)



- Cyan (63%)
- Magenta (32%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6205084 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 6205084 by changing the saturation by 10% instead.





6205084



6205084

16777215



4428674



9823954



2455913



11665391



24657



13500415



18490



15400959



12580



7439



0



6205084



6205084



5090968



7319200

■ 3911316

■ 8498852

■ 2797200

■ 9612968

■ 1617548

■ 10792620

■ 503432

■ 11906736

■ 44679

■ 13020851

■ 14200503

■ 15314619

■ 16494271

# Harmonies

## Analogous

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



8104835



6205084



5025462

# Triad

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



6205084



10525390



13210741

# Complementary

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



6205084



11427440

# 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.



13864586



6205084



12489149

# Square

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



6205084



7971795



13667748



11902316

# Rectangle

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



6205084



5221573



13667748



13537915



# Sweetspot

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



6205084



12837852



7450206



6255470



15921906



7566195



# Same Dimension

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



6205084



6742983



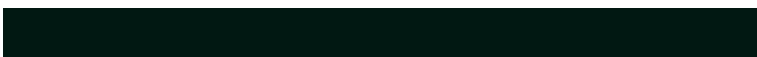
6199726



5134165



38517



5906



# Inverse Universe

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



11427440



14902914



11432798



5721680



9830434

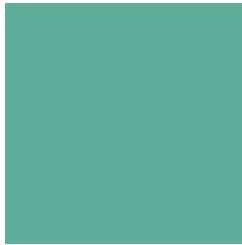


1507333



# Previews

## White Background



This preview shows how the Decimal color 6205084 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 6205084 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 6205084 Background



This preview shows how black text looks on a background with the Decimal color 6205084.



This preview shows how white text looks on a background with the Decimal color 6205084.

# 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**  
6728376

# Trichromacy



**Original Color**  
6205084



**Protanomaly**  
9151638



**Deuteranomaly**  
9544095



**Tritanomaly**  
6532014

# Monochromacy



**Original Color**  
6205084



**Achromatopsia**  
9737364



**Achromatomaly**  
8428951

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6205084 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 #5EAE9C looks like.

```
.text, #text, p{  
  color:#5EAE9C  
}
```

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 #5EAE9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EAE9C
}
```

## Border

The CSS property to change the border of an element to Decimal 6205084 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
#5EAE9C }
```

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

```
.border{ border-color:#5EAE9C }
```

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

Here you see how a box with a 4 pixel #5EAE9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EAE9C; -webkit-box-shadow:4px 4px  
4px 4px #5EAE9C; box-shadow:4px 4px 4px  
4px #5EAE9C }
```

# Background

The CSS property to change the background color of an element to Decimal 6205084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EAE9C }
```

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

```
.background{ background-color:#5EAE9C }
```

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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