

# Converting Colors

Decimal(6396361)

Have a look what the booklet for  
Decimal(6396361) contains.

<b>Decimal(6396361)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(6396361)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6199C9
RGB	97, 153, 201
RGB Percent	38%, 60%, 79%
CMY	0.6196, 0.4000, 0.2118
CMYK	0.52, 0.24, 0.00, 0.21
HSL	208°, 49%, 58%
HSV	208°, 52%, 79%
XYZ	26.8636, 29.5409, 59.5444
YIQ	141.7280, -48.7840, 3.0560

# Conversions

## Conversions Part 2

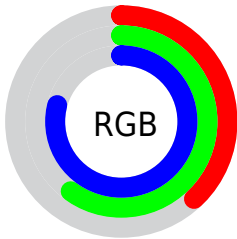
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	97, 133, 201
Decimal	6396361
CIE Lab	61.26, -4.87, -30.35
CIE LCh	61, 30.741, 260.883
Yxy	29.5409, 0.2317, 0.2548
Android (android.graphics.Color)	4284586441 (0xFF6199C9)
YUV	141.7280, 29.2211, -39.2265
Hunter-Lab	54.3515, -6.8904, -26.9087

# Details

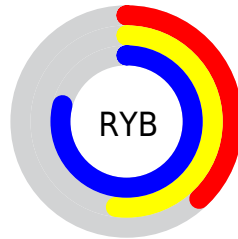
The Decimal color **6396361** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **13209953**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **10080255**, and **2451091** is the 20% darker color. If you saturate the color by 10%, you get **5083337**, and if you desaturate by 10%, it is **7709385**.

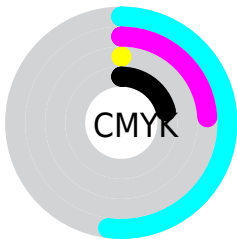
# Distribution



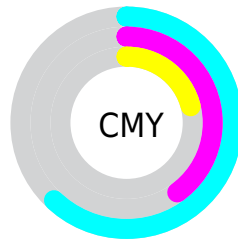
- Red (38%)
- Green (60%)
- Blue (79%)



- Red (38%)
- Yellow (52%)
- Blue (79%)



- Cyan (52%)
- Magenta (24%)
- Yellow (0%)
- Black (21%)



- Cyan (62%)
- Magenta (40%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6396361 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 6396361 by changing the saturation by 10% instead.





6396361



6396361

16777215



4489134



10080255



2451091



11987967



20089



13893631



14432



15794175



9032



3121



284



0



6396361



6396361

■ 5083337

■ 7709385

■ 3770057

■ 9022665

■ 2457033

■ 10335689

■ 1144009

■ 11648713

■ 27849

■ 13027273

■ 14340553

■ 15653577

■ 16769993

■ 16772297

# Harmonies

## Analogous

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



3841981



6396361



9212102

# Triad

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



6396361



13271170



7642993

# Complementary

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



6396361



13209953

# 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.



9672800



6396361



12682859

# Square

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



6396361



12877981



11439966



5481098

# Rectangle

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



6396361



10783165



11439966



8297834

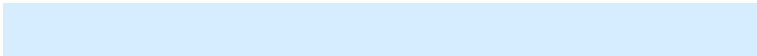


# Sweetspot

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



6396361



14085375



6408592



6780032



0



8421504

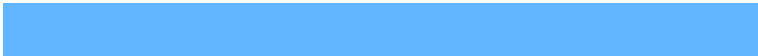


# Same Dimension

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



6396361



6403839



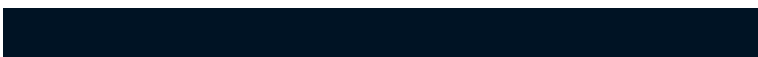
6383305



5922659



22691



4900



# Inverse Universe

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



13197721



16736694



13223009



6511199



10682456



2359315



# Previews

## White Background



This preview shows how the Decimal color 6396361 looks on a white background.

## Color Contrast Check

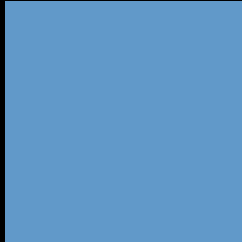
Large Text (above 18pt) WCAG AA ✓ Pass

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 6396361 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 × Fail

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



## Decimal 6396361 Background



This preview shows how black text looks on a background with the Decimal color 6396361.




This preview shows how white text looks on a background with the Decimal color 6396361.

# 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](#).

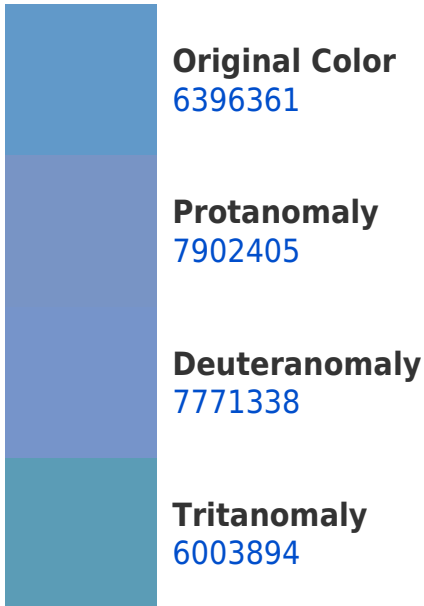
## Dichromacy



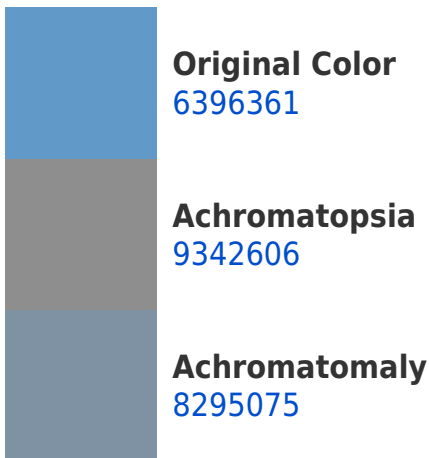


**Tritanopia**  
5742251

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6396361 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 #6199C9 looks like.

```
.text, #text, p{  
    color:#6199C9  
}
```

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 #6199C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6199C9
}
```

## Border

The CSS property to change the border of an element to Decimal 6396361 is called "border". The border property can be set on classes, ids or directly on the HTML element.

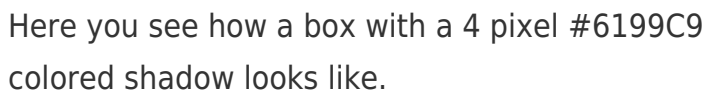
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6199C9 }
```

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

```
.border{ border-color:#6199C9 }
```

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



Here you see how a box with a 4 pixel #6199C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6199C9; -webkit-box-shadow:4px 4px  
4px 4px #6199C9; box-shadow:4px 4px 4px  
4px #6199C9 }
```

# Background

The CSS property to change the background color of an element to Decimal 6396361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6199C9 }
```

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

```
.background{ background-color:#6199C9 }
```

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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