

# Converting Colors

Decimal(6404815)

Have a look what the booklet for  
Decimal(6404815) contains.

<b>Decimal(6404815)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(6404815)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61BACF
RGB	97, 186, 207
RGB Percent	38%, 73%, 81%
CMY	0.6196, 0.2706, 0.1882
CMYK	0.53, 0.10, 0.00, 0.19
HSL	191°, 53%, 60%
HSV	191°, 53%, 81%
XYZ	33.7512, 42.1642, 65.3911
YIQ	161.7830, -59.7850, -12.3370

# Conversions

## Conversions Part 2

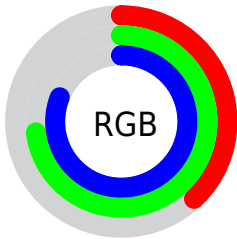
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 146, 207
Decimal	6404815
CIELab	70.98, -20.86, -18.77
CIELCh	71, 28.062, 221.973
Yxy	42.1642, 0.2389, 0.2984
Android (android.graphics.Color)	4284594895 (0xFF61BACF)
YUV	161.7830, 22.2920, -56.8147
Hunter-Lab	64.9340, -20.8543, -14.2536

# Details

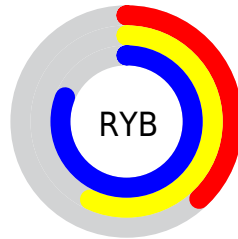
The Decimal color **6404815** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **13596257**, and the grayscale version is **10658466**.

A 20% lighter version of the original color is **10220287**, and **2065817** is the 20% darker color. If you saturate the color by 10%, you get **5027535**, and if you desaturate by 10%, it is **7782095**.

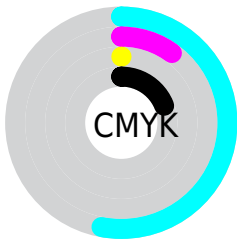
# Distribution



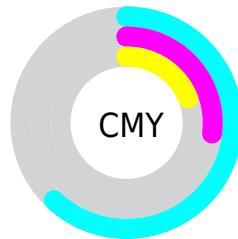
- Red (38%)
- Green (73%)
- Blue (81%)



- Red (38%)
- Yellow (57%)
- Blue (81%)



- Cyan (53%)
- Magenta (10%)
- Yellow (0%)
- Black (19%)



- Cyan (62%)
- Magenta (27%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6404815 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 6404815 by changing the saturation by 10% instead.



6404815

6404815

16777215

4431795

10220287

2065817

12124159

27519

14024703

21350

15990783

15182

9527

2338

8

0

■ 6404815

■ 6404815

■ 5027535

■ 7782095

■ 3715791

■ 9093839

■ 2338511

■ 10471119

■ 961231

■ 11848399

■ 42959

■ 13225679

■ 14537423

■ 15914703

■ 16767695

■ 16768719

# Harmonies

## Analogous

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



6667447



6404815



7910878

# Triad

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



6404815



14130622



11972476

# Complementary

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



6404815



13596257

# 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.



13543294



6404815



14785444

# Square

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



6404815



12494036



14524301



10073735

# Rectangle

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



6404815



9482464



14524301



12496251

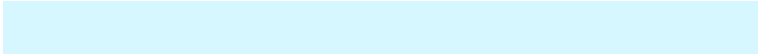


# Sweetspot

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



6404815



14088191



6410101



6781824



0



8421504



# Same Dimension

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



6404815



6086911



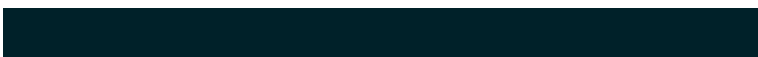
6390991



6186857



34984



8489



# Inverse Universe

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



13590970



16735456



13610081



6905447



11010184

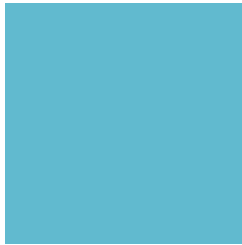


2687009



# Previews

## White Background



This preview shows how the Decimal color 6404815 looks on a white background.

## Color Contrast Check

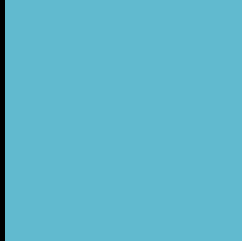
Large Text (above 18pt) WCAG AA × Fail

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 6404815 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

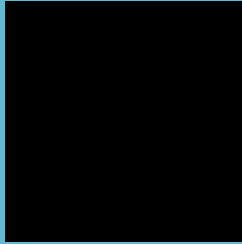
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6404815 Background



This preview shows how black text looks on a background with the Decimal color 6404815.

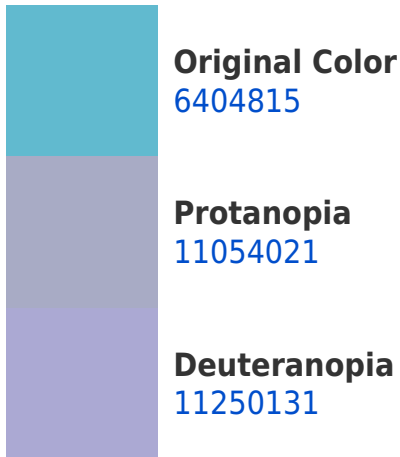


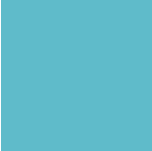
This preview shows how white text looks on a background with the Decimal color 6404815.

# 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**  
6273994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6404815 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 #61BACF looks like.

```
.text, #text, p{  
    color:#61BACF  
}
```

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 #61BACF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61BACF
}
```

## Border

The CSS property to change the border of an element to Decimal 6404815 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
#61BACF }
```

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

```
.border{ border-color:#61BACF }
```

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

Here you see how a box with a 4 pixel #61BACF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61BACF; -webkit-box-shadow:4px 4px  
4px 4px #61BACF; box-shadow:4px 4px 4px  
4px #61BACF }
```

# Background

The CSS property to change the background color of an element to Decimal 6404815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61BACF }
```

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

```
.background{ background-color:#61BACF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor