

# Converting Colors

Decimal(6344397)

Have a look what the booklet for  
Decimal(6344397) contains.

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**Color**

**Decimal(6344397)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60CECD
RGB	96, 206, 205
RGB Percent	38%, 81%, 80%
CMY	0.6235, 0.1922, 0.1961
CMYK	0.53, 0.00, 0.00, 0.19
HSL	179°, 53%, 59%
HSV	179°, 53%, 81%
XYZ	37.9146, 51.0372, 65.6105
YIQ	172.9960, -65.2390, -23.6310

# Conversions

## Conversions Part 2

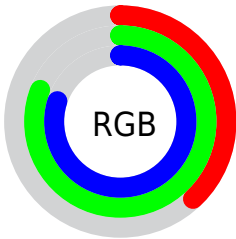
Format	Color
<a href="#">RYB</a>	<a href="#">96, 151, 206</a>
Decimal	<a href="#">6344397</a>
CIELab	<a href="#">76.70, -31.51, -9.10</a>
CIELCh	<a href="#">77, 32.796, 196.105</a>
Yxy	<a href="#">51.0372, 0.2453, 0.3302</a>
Android (android.graphics.Color)	<a href="#">4284534477 (0xFF60CECD)</a>
YUV	<a href="#">172.9960, 15.7780, -67.5255</a>
Hunter-Lab	<a href="#">71.4403, -30.2875, -4.4434</a>




# Details

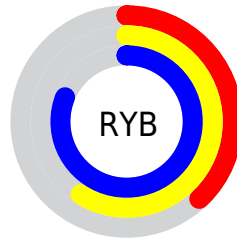
The Decimal color **6344397** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **13525089**, and the grayscale version is **11382189**.




A 20% lighter version of the original color is **10223615**, and **1546135** is the 20% darker color. If you saturate the color by 10%, you get **4968141**, and if you desaturate by 10%, it is **7720653**.

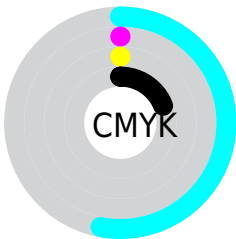
# Distribution







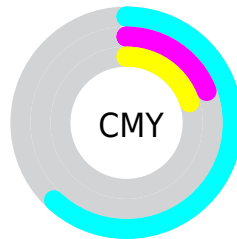
-  Red (38%)
-  Green (81%)
-  Blue (80%)






-  Red (38%)
-  Yellow (59%)
-  Blue (81%)



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



-  Cyan (62%)
-  Magenta (19%)
-  Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6344397 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 6344397 by changing the saturation by 10% instead.



6344397

6344397

16777215

4240050

10223615

1546135

12189695

32125

14090239

25700

16056319

19276

13366

8224

8

0

■ 6344397

■ 6344397

■ 4968141

■ 7720653

■ 3657421

■ 9031373

■ 2281164

■ 10407630

■ 970444

■ 11718350

■ 52940

■ 13094606

■ 14470862

■ 15781582

■ 16764622

■ 16764623

# Harmonies

## Analogous

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



8179118



6344397



6278120

# Triad

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



6344397



14069992



14661507

# Complementary

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



6344397



13525089

# 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.



15969683



6344397



15771853

# Square

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



6344397



11451383



16426926



12763522

# Rectangle

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



6344397



7587828



16426926



15184775



# Sweetspot

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



6344397



14090239



6475360



6783103



0



8421504



# Same Dimension

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



6344397



6094846



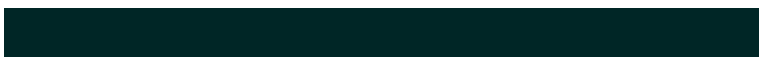
6330830



6055526



42660



9766



# Inverse Universe

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



13525089



16735325



13538656



6708316



10878978

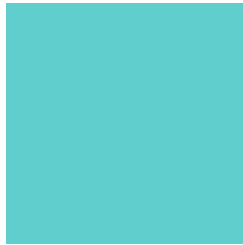


2490368



# Previews

## White Background



This preview shows how the Decimal color 6344397 looks on a white background.

## Color Contrast Check

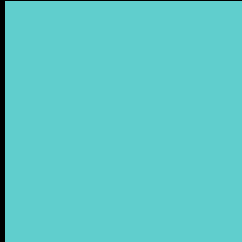
Large Text (above 18pt) WCAG AA × Fail

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 6344397 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 6344397 Background



This preview shows how black text looks on a background with the Decimal color 6344397.



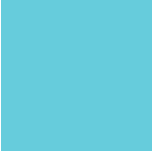
This preview shows how white text looks on a background with the Decimal color 6344397.

# 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**  
6737116

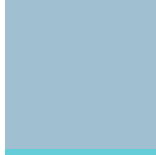
# Trichromacy



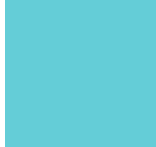
**Original Color**  
6344397



**Protanomaly**  
10273478



**Deuteranomaly**  
10534864

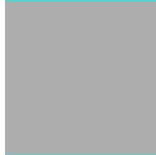


**Tritanomaly**  
6606295

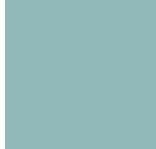
# Monochromacy



**Original Color**  
6344397



**Achromatopsia**  
11382189



**Achromatomaly**  
9550265

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6344397 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 #60CECD looks like.

```
.text, #text, p{  
    color:#60CECD  
}
```

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 #60CECD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60CECD
}
```

## Border

The CSS property to change the border of an element to Decimal 6344397 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
#60CECD }
```

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

```
.border{ border-color:#60CECD }
```

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

Here you see how a box with a 4 pixel #60CECD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60CECD; -webkit-box-shadow:4px 4px  
4px 4px #60CECD; box-shadow:4px 4px 4px  
4px #60CECD }
```

# Background

The CSS property to change the background color of an element to Decimal 6344397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60CECD }
```

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

```
.background{ background-color:#60CECD }
```

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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