

Converting Colors

Decimal(6403796)

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Decimal(6403796) contains.

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Color

Decimal(6403796)

Conversions

Conversions Part 1	
Format	Color
Hex	61B6D4
RGB	97, 182, 212
RGB Percent	38%, 71%, 83%
CMY	0.6196, 0.2863, 0.1686
CMYK	0.54, 0.14, 0.00, 0.17
HSL	196°, 57%, 61%
HSV	196°, 54%, 83%
XYZ	33.5414, 40.7508, 68.3852
YIQ	160.0050, -60.2900, -8.6900

Conversions

Conversions Part 2

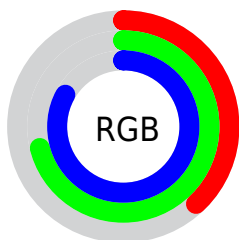
Format	Color
RYB	97, 146, 212
Decimal	6403796
CIELab	70.00, -17.36, -23.00
CIELCh	70, 28.816, 232.953
Yxy	40.7508, 0.2351, 0.2856
Android (android.graphics.Color)	4284593876 (0xFF61B6D4)
YUV	160.0050, 25.6335, -55.2554
Hunter-Lab	63.8363, -17.9247, -18.8295

Details

The Decimal color **6403796** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **13926241**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **10219263**, and **1999261** is the 20% darker color. If you saturate the color by 10%, you get **5026004**, and if you desaturate by 10%, it is **7781588**.

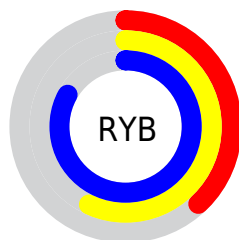
Distribution



Red (38%)

Green (71%)

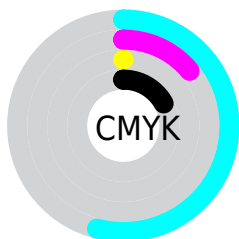
Blue (83%)



Red (38%)

Yellow (57%)

Blue (83%)

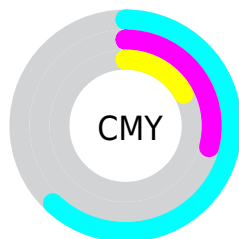


Cyan (54%)

Magenta (14%)

Yellow (0%)

Black (17%)



Cyan (62%)

Magenta (29%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6403796 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 6403796 by changing the saturation by 10% instead.

 6403796

16777215

 10219263

 12124159

 14090239

 15990783

 6403796

 4430776

 1999261

 26755

 20586

 14674

 9018

 549

 270

 0

 6403796

 6403796

 5026004

 7781588

 3648468

 9159124

 2205140

 10602452

 827604

 11979988

 40404

 13357780

 14735316

 16113108

 16769748

 16771284

Harmonies

Analogous

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



5945791



6403796



8433630

Triad

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



6403796



14391474



11120762

Complementary

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



6403796



13926241

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.



12822391



6403796



14719384

Square

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



6403796



13082315



14131074



9156235

Rectangle

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



6403796



10136286



14131074



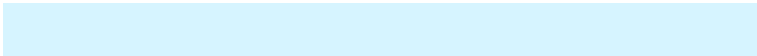
11709816

Sweetspot

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



6403796



14087423



6411390



6781312



0



8421504

Same Dimension

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



6403796



5887231



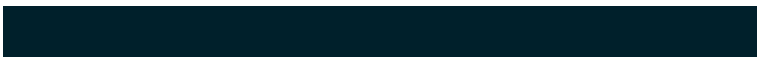
6389460



6318187



32427



8235

Inverse Universe

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



13918646



16734676



13940577



7037032



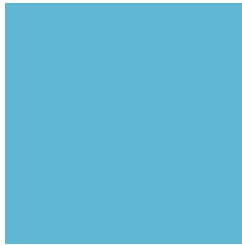
11206782



2818080

Previews

White Background



This preview shows how the Decimal color 6403796 looks on a white background.

Color Contrast Check

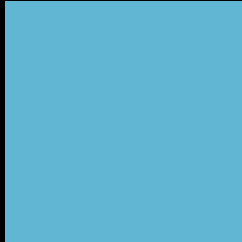
Large Text (above 18pt) WCAG AA × Fail

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 6403796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

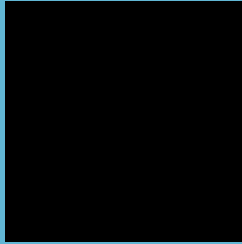
Any Text WCAG AA ✓ Pass

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 6403796 Background



This preview shows how black text looks on a background with the Decimal color 6403796.

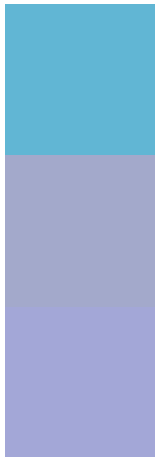


This preview shows how white text looks on a background with the Decimal color 6403796.

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](#).

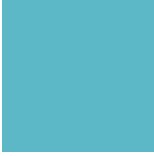
Dichromacy



Original Color
6403796

Protanopia
10725835

Deuteranopia
10725335

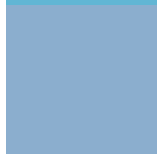


Trichromacy



Original Color

6403796



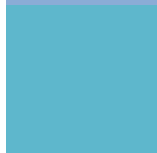
Protanomaly

9154254



Deuteranomaly

9153750



Tritanomaly

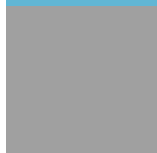
6207436

Monochromacy



Original Color

6403796



Achromatopsia

10526880



Achromatomaly

9021619

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6403796 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 #61B6D4 looks like.

```
.text, #text, p{  
    color:#61B6D4  
}
```

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 #61B6D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B6D4
}
```

Border

The CSS property to change the border of an element to Decimal 6403796 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
#61B6D4 }
```

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

```
.border{ border-color:#61B6D4 }
```

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

Here you see how a box with a 4 pixel #61B6D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B6D4; -webkit-box-shadow:4px 4px  
4px 4px #61B6D4; box-shadow:4px 4px 4px  
4px #61B6D4 }
```

Background

The CSS property to change the background color of an element to Decimal 6403796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B6D4 }
```

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

```
.background{ background-color:#61B6D4 }
```

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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