

Converting Colors

Decimal(6409436)

Have a look what the booklet for
Decimal(6409436) contains.

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Color

Decimal(6409436)

Conversions

Conversions Part 1

Format	Color
Hex	61CCDC
RGB	97, 204, 220
RGB Percent	38%, 80%, 86%
CMY	0.6196, 0.2000, 0.1373
CMYK	0.56, 0.07, 0.00, 0.14
HSL	188°, 64%, 62%
HSV	188°, 56%, 86%
XYZ	39.4409, 50.8944, 75.4550
YIQ	173.8310, -68.9080, -17.7080

Conversions

Conversions Part 2

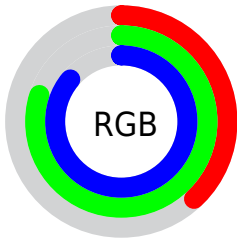
Format	Color
RYB	97, 154, 220
Decimal	6409436
CIELab	76.62, -26.26, -17.31
CIELCh	77, 31.451, 213.382
Yxy	50.8944, 0.2379, 0.3070
Android (android.graphics.Color)	4284599516 (0xFF61CCDC)
YUV	173.8310, 22.7613, -67.3808
Hunter-Lab	71.3403, -26.1609, -12.7714

Details

The Decimal color **6409436** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **14446945**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **10354687**, and **1414821** is the 20% darker color. If you saturate the color by 10%, you get **4966876**, and if you desaturate by 10%, it is **7851996**.

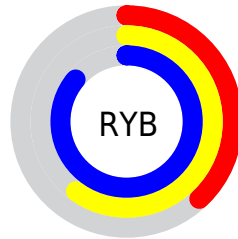
Distribution



Red (38%)

Green (80%)

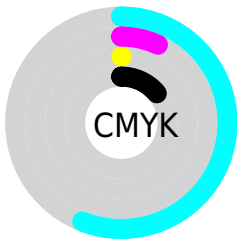
Blue (86%)



Red (38%)

Yellow (60%)

Blue (86%)

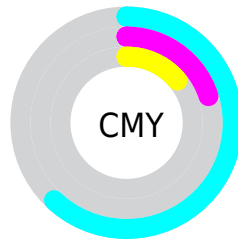


Cyan (56%)

Magenta (7%)

Yellow (0%)

Black (14%)



Cyan (62%)

Magenta (20%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6409436 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 6409436 by changing the saturation by 10% instead.

6409436

6409436

16777215

4305088

10354687

1414821

12320767

31627

14221311

25201

16252927

19033

13121

8235

279

0

■ 6409436

■ 6409436

■ 4966876

■ 7851996

■ 3524316

■ 9294556

■ 2081756

■ 10737116

■ 639452

■ 12179420

■ 49116

■ 13621980

■ 15064540

■ 16507100

■ 16770012

■ 16770780

Harmonies

Analogous

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



7327167



6409436



7653360

Triad

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



6409436



15051736



13548675

Complementary

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



6409436



14446945

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.



15184522



6409436



16164795

Square

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



6409436



13022446



16165534



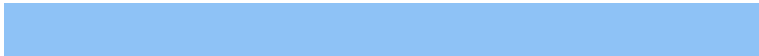
11519372

Rectangle

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



6409436



9356022



16165534



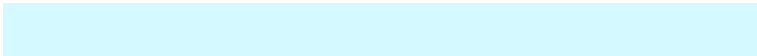
14203267

Sweetspot

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



6409436



13957631



6413423



6716544



0



8421504

Same Dimension

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



6409436



5564927



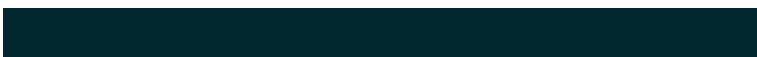
6394076



6515822



38829



10286

Inverse Universe

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



14442956



16733417



14462305



7234412



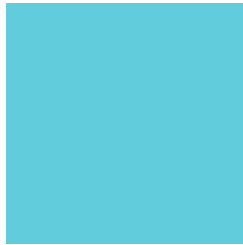
11337879



3014696

Previews

White Background



This preview shows how the Decimal color 6409436 looks on a white background.

Color Contrast Check

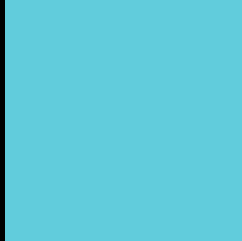
Large Text (above 18pt) WCAG AA × Fail

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 6409436 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 6409436 Background



This preview shows how black text looks on a background with the Decimal color 6409436.



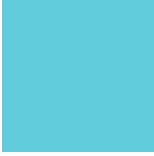
This preview shows how white text looks on a background with the Decimal color 6409436.

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](#).

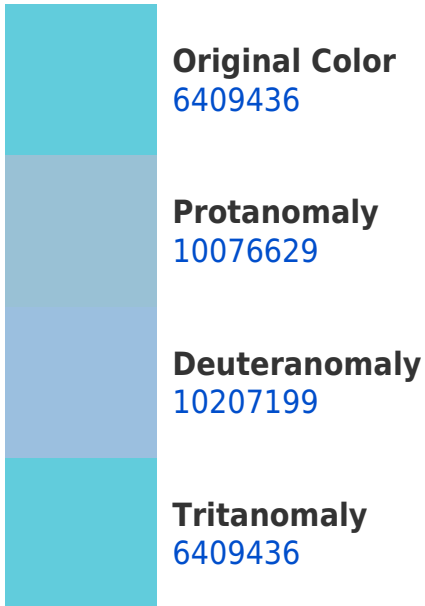
Dichromacy



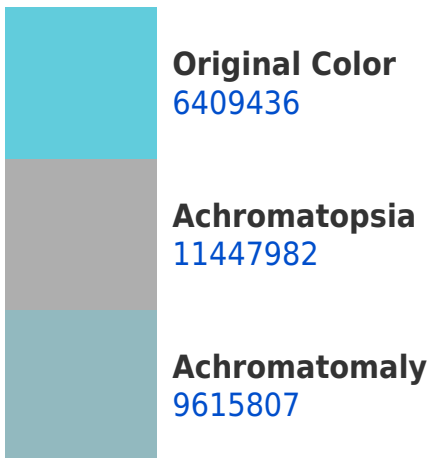


Tritanopia
6409436

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6409436 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 #61CCDC looks like.

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

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 #61CCDC colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 6409436 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
#61CCDC }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 6409436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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