

Converting Colors

Decimal(6538433)

Have a look what the booklet for
Decimal(6538433) contains.

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Color

Decimal(6538433)

Conversions

Conversions Part 1

Format	Color
Hex	63C4C1
RGB	99, 196, 193
RGB Percent	39%, 77%, 76%
CMY	0.6118, 0.2314, 0.2431
CMYK	0.49, 0.00, 0.02, 0.23
HSL	178°, 45%, 58%
HSV	178°, 49%, 77%
XYZ	34.5112, 45.9828, 57.5087
YIQ	166.6550, -56.8490, -21.4970

Conversions

Conversions Part 2

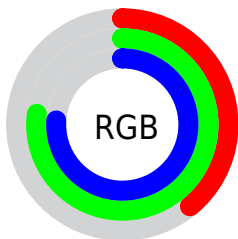
Format	Color
RYB	99, 148, 196
Decimal	6538433
CIELab	73.53, -29.22, -7.30
CIElCh	74, 30.115, 194.023
Yxy	45.9828, 0.2501, 0.3332
Android (android.graphics.Color)	4284728513 (0xFF63C4C1)
YUV	166.6550, 12.9881, -59.3334
Hunter-Lab	67.8106, -27.8237, -2.8152

Details

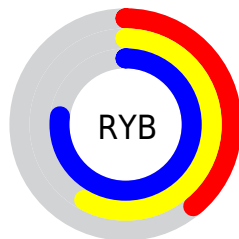
The Decimal color **6538433** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **12870502**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **10288633**, and **2330252** is the 20% darker color. If you saturate the color by 10%, you get **5227712**, and if you desaturate by 10%, it is **7849154**.

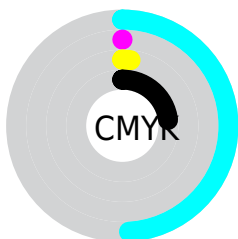
Distribution



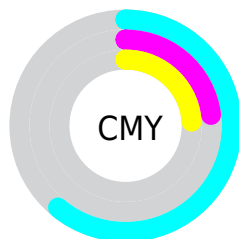
- Red (39%)
- Green (77%)
- Blue (76%)



- Red (39%)
- Yellow (58%)
- Blue (77%)



- Cyan (49%)
- Magenta (0%)
- Yellow (2%)
- Black (23%)



- Cyan (61%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6538433 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 6538433 by changing the saturation by 10% instead.



6538433



6538433

16777215



4565414



10288633



2330252



12189695



29810



14155775



23386



16056319



17218



11308



5400



0



6538433



6538433

■ 5227712

■ 7849154

■ 3982528

■ 9094338

■ 2671807

■ 10405059

■ 1426623

■ 11650243

■ 115902

■ 12960964

■ 50366

■ 14271685

■ 15516869

■ 16762054

Harmonies

Analogous

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



8176549



6538433



6406874

Triad

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



6538433



13216220



14003840

Complementary

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



6538433



12870502

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.



15181199



6538433



14852805

Square

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



6538433



10793962



15507624



12302207

Rectangle

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



6538433



7454438



15507624



14527364

Sweetspot

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



6538433



14286846



6734947



6914175



0



8421504

Same Dimension

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



6538433



6946810



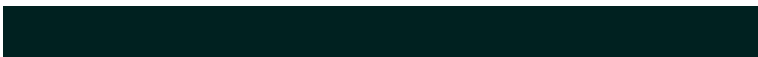
6526916



5726561



41372



8480

Inverse Universe

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



12870502



16738669



12882019



6379352



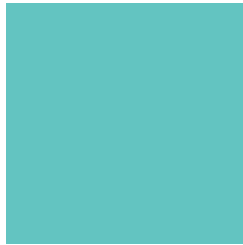
10551301



2162689

Previews

White Background



This preview shows how the Decimal color 6538433 looks on a white background.

Color Contrast Check

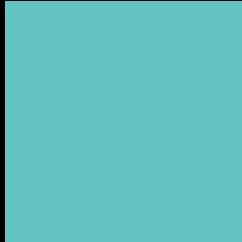
Large Text (above 18pt) WCAG AA × Fail

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 6538433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

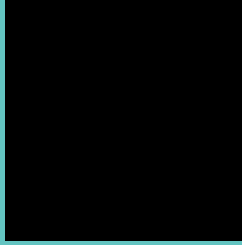
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

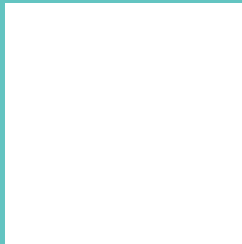
Any Text WCAG AAA ✓ Pass

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

Decimal 6538433 Background



This preview shows how black text looks on a background with the Decimal color 6538433.

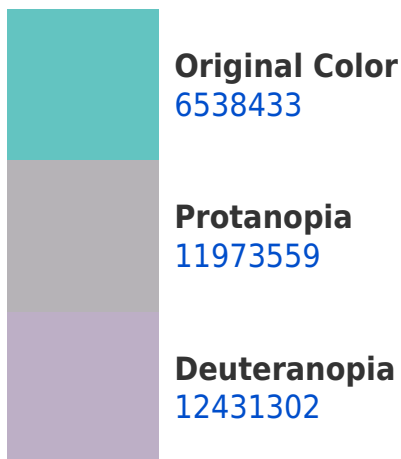


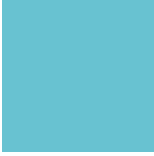
This preview shows how white text looks on a background with the Decimal color 6538433.

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
6865617

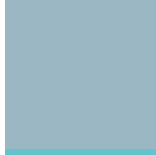
Trichromacy



Original Color
6538433



Protanomaly
10009019



Deuteranomaly
10270660

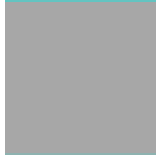


Tritanomaly
6734795

Monochromacy



Original Color
6538433



Achromatopsia
10987431



Achromatomaly
9351856

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6538433 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 #63C4C1 looks like.

```
.text, #text, p{  
    color:#63C4C1  
}
```

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 #63C4C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63C4C1
}
```

Border

The CSS property to change the border of an element to Decimal 6538433 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
#63C4C1 }
```

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

```
.border{ border-color:#63C4C1 }
```

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

Here you see how a box with a 4 pixel #63C4C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63C4C1; -webkit-box-shadow:4px 4px  
4px 4px #63C4C1; box-shadow:4px 4px 4px  
4px #63C4C1 }
```

Background

The CSS property to change the background color of an element to Decimal 6538433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63C4C1 }
```

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

```
.background{ background-color:#63C4C1 }
```

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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