

Converting Colors

Decimal(6603987)

Have a look what the booklet for
Decimal(6603987) contains.

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Color

Decimal(6603987)

Conversions

Conversions Part 1

Format	Color
Hex	64C4D3
RGB	100, 196, 211
RGB Percent	39%, 77%, 83%
CMY	0.6078, 0.2314, 0.1725
CMYK	0.53, 0.07, 0.00, 0.17
HSL	188°, 56%, 61%
HSV	188°, 53%, 83%
XYZ	36.7533, 46.8923, 68.7420
YIQ	169.0060, -62.0310, -15.6870

Conversions

Conversions Part 2

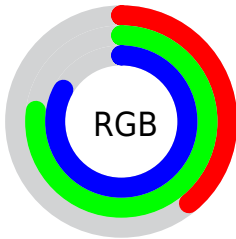
Format	Color
RYB	100, 151, 211
Decimal	6603987
CIELab	74.12, -24.18, -16.19
CIElCh	74, 29.103, 213.807
Yxy	46.8923, 0.2412, 0.3077
Android (android.graphics.Color)	4284794067 (0xFF64C4D3)
YUV	169.0060, 20.7030, -60.5183
Hunter-Lab	68.4780, -24.0324, -11.5841

Details

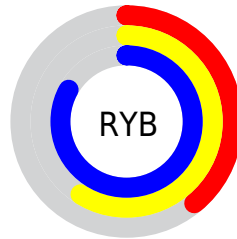
The Decimal color **6603987** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **13857636**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **10419711**, and **2199196** is the 20% darker color. If you saturate the color by 10%, you get **5226963**, and if you desaturate by 10%, it is **7981011**.

Distribution



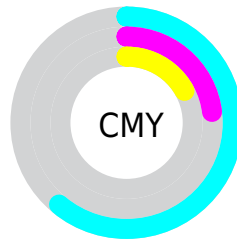
- Red (39%)
- Green (77%)
- Blue (83%)



- Red (39%)
- Yellow (59%)
- Blue (83%)



- Cyan (53%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (61%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6603987 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 6603987 by changing the saturation by 10% instead.

6603987

6603987

16777215

4565431

10419711

2199196

12386303

29826

14286847

23401

16252927

17233

11578

6180

270

0

■ 6603987

■ 6603987

■ 5226963

■ 7981011

■ 3849939

■ 9358035

■ 2472915

■ 10735059

■ 1096147

■ 12111827

■ 46803

■ 13488851

■ 14931411

■ 16308435

■ 16767955

■ 16768723

Harmonies

Analogous

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



7325113



6603987



7716837

Triad

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



6603987



14395086



13022849

Complementary

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



6603987



13857636

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.



14527879



6603987



15442868

Square

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



6603987



12562147



15443354



11124361

Rectangle

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



6603987



9222891



15443354



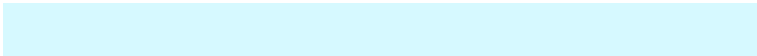
13611905

Sweetspot

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



6603987



14088703



6607731



6782080



0



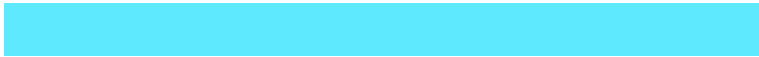
8421504

Same Dimension

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



6603987



6220287



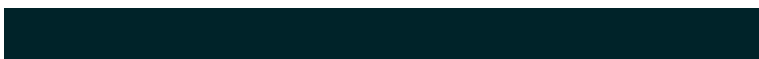
6589907



6186857



37544



9001

Inverse Universe

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



13853892



16735977



13871716



6905447



11010194



2687011

Previews

White Background



This preview shows how the Decimal color 6603987 looks on a white background.

Color Contrast Check

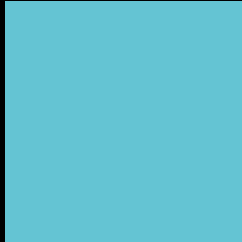
Large Text (above 18pt) WCAG AA × Fail

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 6603987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

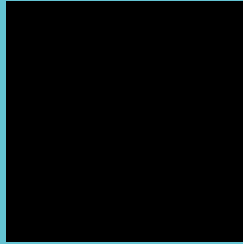
Any Text WCAG AA ✓ Pass

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 6603987 Background



This preview shows how black text looks on a background with the Decimal color 6603987.



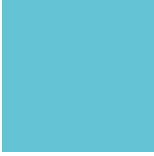
This preview shows how white text looks on a background with the Decimal color 6603987.

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
6603988

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6603987 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 #64C4D3 looks like.

```
.text, #text, p{  
    color:#64C4D3  
}
```

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 #64C4D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64C4D3
}
```

Border

The CSS property to change the border of an element to Decimal 6603987 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
#64C4D3 }
```

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

```
.border{ border-color:#64C4D3 }
```

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

Here you see how a box with a 4 pixel #64C4D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64C4D3; -webkit-box-shadow:4px 4px  
4px 4px #64C4D3; box-shadow:4px 4px 4px  
4px #64C4D3 }
```

Background

The CSS property to change the background color of an element to Decimal 6603987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64C4D3 }
```

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

```
.background{ background-color:#64C4D3 }
```

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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