

Converting Colors

Decimal(6605293)

Have a look what the booklet for
Decimal(6605293) contains.

Decimal(6605293)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6605293)

Conversions

Conversions Part 1

Format	Color
Hex	64C9ED
RGB	100, 201, 237
RGB Percent	39%, 79%, 93%
CMY	0.6078, 0.2118, 0.0706
CMYK	0.58, 0.15, 0.00, 0.07
HSL	196°, 79%, 66%
HSV	196°, 58%, 93%
XYZ	41.4282, 50.5970, 87.7035
YIQ	174.9050, -71.7520, -10.2160

Conversions

Conversions Part 2

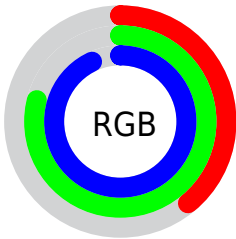
Format	Color
RYB	100, 158, 237
Decimal	6605293
CIELab	76.43, -19.32, -26.72
CIELCh	76, 32.972, 234.126
Yxy	50.5970, 0.2305, 0.2815
Android (android.graphics.Color)	4284795373 (0xFF64C9ED)
YUV	174.9050, 30.6128, -65.6917
Hunter-Lab	71.1316, -20.5189, -23.3110

Details

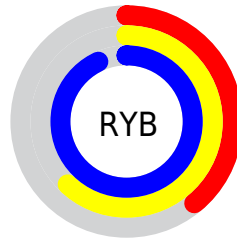
The Decimal color **6605293** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **15566948**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **10616831**, and **1545141** is the 20% darker color. If you saturate the color by 10%, you get **5030893**, and if you desaturate by 10%, it is **8179693**.

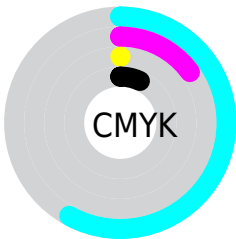
Distribution



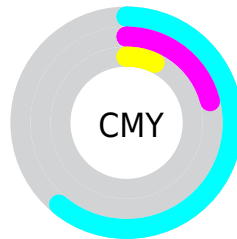
- Red (39%)
- Green (79%)
- Blue (93%)



- Red (39%)
- Yellow (62%)
- Blue (93%)



- Cyan (58%)
- Magenta (15%)
- Yellow (0%)
- Black (7%)



- Cyan (61%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6605293 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 6605293 by changing the saturation by 10% instead.

6605293

6605293

16777215

4435665

10616831

1545141

12582911

31130

14548991

24704

16515071

18535

12879

7736

546

8

■ 6605293

■ 6605293

■ 5030893

■ 8179693

■ 3522029

■ 9688557

■ 1947373

■ 11263213

■ 372973

■ 12837613

■ 45037

■ 14346477

■ 15920877

■ 16774637

■ 16776173

■ 16777197

Harmonies

Analogous

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



5950932



6605293



9159161

Triad

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



6605293



16033476



12108420

Complementary

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



6605293



15566948

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.



14137728



6605293



16361381

Square

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



6605293



14593505



15707788



9816472

Rectangle

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



6605293



11188983



15707788



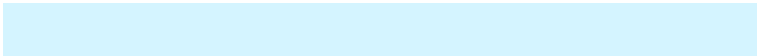
12828545

Sweetspot

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



6605293



13956351



6614406



6715776



0



8421504

Same Dimension

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



6605293



5231103



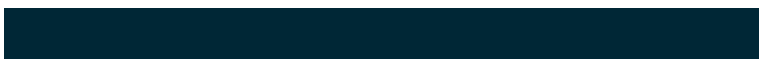
6588141



6976117



34229



10038

Inverse Universe

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



15557833



16732113



15584100



7694962



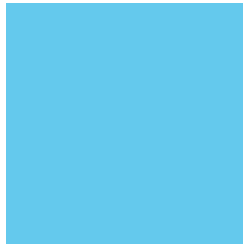
11862149



3538983

Previews

White Background



This preview shows how the Decimal color 6605293 looks on a white background.

Color Contrast Check

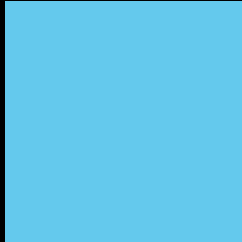
Large Text (above 18pt) WCAG AA × Fail

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 6605293 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 6605293 Background



This preview shows how black text looks on a background with the Decimal color 6605293.



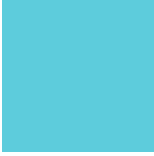
This preview shows how white text looks on a background with the Decimal color 6605293.

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](#).

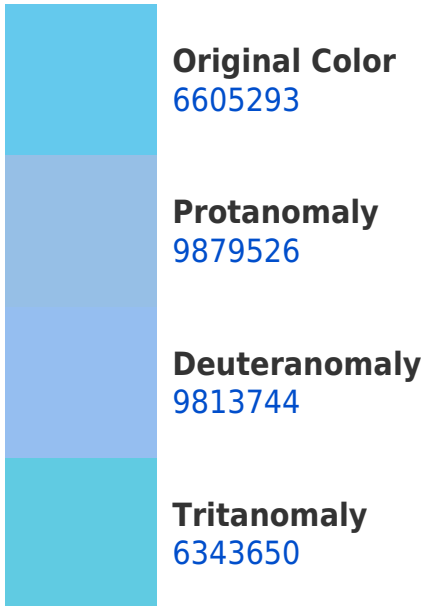
Dichromacy





Tritanopia
6147292

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6605293 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 #64C9ED looks like.

```
.text, #text, p{  
    color:#64C9ED  
}
```

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 #64C9ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64C9ED
}
```

Border

The CSS property to change the border of an element to Decimal 6605293 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
#64C9ED }
```

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

```
.border{ border-color:#64C9ED }
```

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

Here you see how a box with a 4 pixel #64C9ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64C9ED; -webkit-box-shadow:4px 4px  
4px 4px #64C9ED; box-shadow:4px 4px 4px  
4px #64C9ED }
```

Background

The CSS property to change the background color of an element to Decimal 6605293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64C9ED }
```

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

```
.background{ background-color:#64C9ED }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor