

Converting Colors

Decimal(5485014)

Have a look what the booklet for
Decimal(5485014) contains.

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Color

Decimal(5485014)

Conversions

Conversions Part 1

Format	Color
Hex	53B1D6
RGB	83, 177, 214
RGB Percent	33%, 69%, 84%
CMY	0.6745, 0.3059, 0.1608
CMYK	0.61, 0.17, 0.00, 0.16
HSL	197°, 62%, 58%
HSV	197°, 61%, 84%
XYZ	31.4270, 38.1383, 69.3234
YIQ	153.1120, -67.9010, -8.4210

Conversions

Conversions Part 2

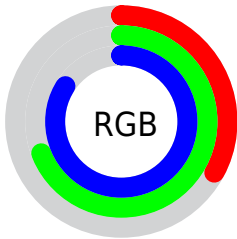
Format	Color
RYB	83, 138, 214
Decimal	5485014
CIELab	68.12, -16.85, -27.02
CIELCh	68, 31.841, 238.050
Yxy	38.1383, 0.2263, 0.2746
Android (android.graphics.Color)	4283675094 (0xFF53B1D6)
YUV	153.1120, 30.0178, -61.4882
Hunter-Lab	61.7562, -17.2369, -23.3256

Details

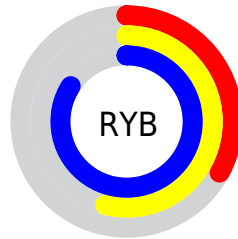
The Decimal color **5485014** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **14055507**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **9431551**, and **31903** is the 20% darker color. If you saturate the color by 10%, you get **4107222**, and if you desaturate by 10%, it is **6862806**.

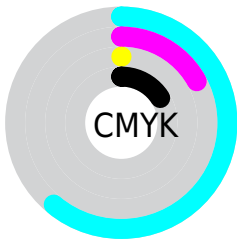
Distribution



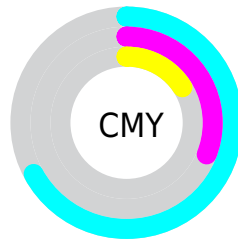
- Red (33%)
- Green (69%)
- Blue (84%)



- Red (33%)
- Yellow (54%)
- Blue (84%)



- Cyan (61%)
- Magenta (17%)
- Yellow (0%)
- Black (16%)



- Cyan (67%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5485014 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 5485014 by changing the saturation by 10% instead.

■ 5485014

■ 5485014

16777215

■ 3249850

■ 9431551

■ 31903

■ 11403263

■ 25477

■ 13369343

■ 19308

■ 15335423

■ 13651

■ 8252

■ 806

■ 271

■ 0

■ 5485014

■ 5485014

■ 4107222

■ 6862806

■ 2663894

■ 8306134

■ 1286102

■ 9683926

■ 39638

■ 11127254

■ 12505046

■ 13882838

■ 15326166

■ 16703958

■ 16771030

Harmonies

Analogous

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



4502976



5485014



8169951

Triad

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



5485014



14454953



10398835

Complementary

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



5485014



1405507

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.



12362860



5485014



14586508

Square

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



5485014



13211333



13867638



8172423

Rectangle

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



5485014



10134492



13867638



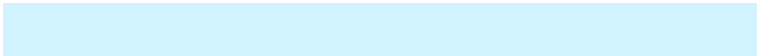
11053679

Sweetspot

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



5485014



13759231



5494390



6518912



0



8421504

Same Dimension

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



5485014



4573951



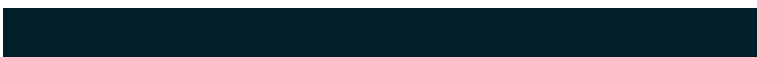
5468886



6318187



31659



7979

Inverse Universe

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



14046129



16729546



14071635



7037032



11206779



2818079

Previews

White Background



This preview shows how the Decimal color 5485014 looks on a white background.

Color Contrast Check

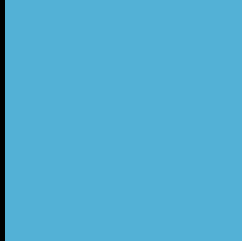
Large Text (above 18pt) WCAG AA × Fail

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 5485014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

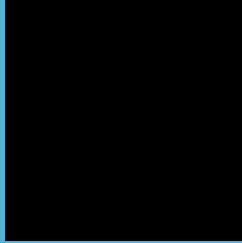
Any Text WCAG AA ✓ Pass

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 5485014 Background



This preview shows how black text looks on a background with the Decimal color 5485014.

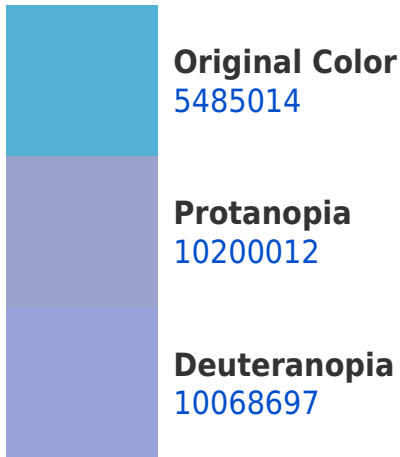


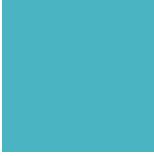
This preview shows how white text looks on a background with the Decimal color 5485014.

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](#).

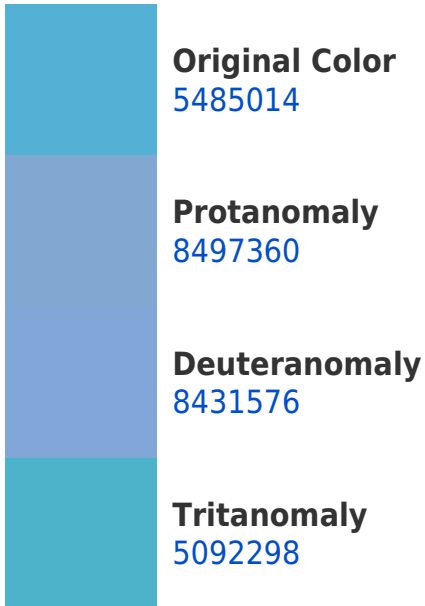
Dichromacy





Tritanopia
4895939

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5485014 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 #53B1D6 looks like.

```
.text, #text, p{  
    color:#53B1D6  
}
```

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 #53B1D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53B1D6
}
```

Border

The CSS property to change the border of an element to Decimal 5485014 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
#53B1D6 }
```

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

```
.border{ border-color:#53B1D6 }
```

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

Here you see how a box with a 4 pixel #53B1D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53B1D6; -webkit-box-shadow:4px 4px  
4px 4px #53B1D6; box-shadow:4px 4px 4px  
4px #53B1D6 }
```

Background

The CSS property to change the background color of an element to Decimal 5485014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53B1D6 }
```

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

```
.background{ background-color:#53B1D6 }
```

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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