

Converting Colors

Decimal(5285101)

Have a look what the booklet for
Decimal(5285101) contains.

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Color

Decimal(5285101)

Conversions

Conversions Part 1

Format	Color
Hex	50A4ED
RGB	80, 164, 237
RGB Percent	31%, 64%, 93%
CMY	0.6863, 0.3569, 0.0706
CMYK	0.66, 0.31, 0.00, 0.07
HSL	208°, 81%, 62%
HSV	208°, 66%, 93%
XYZ	31.8698, 34.3708, 85.0753
YIQ	147.2060, -73.4970, 4.8950

Conversions

Conversions Part 2

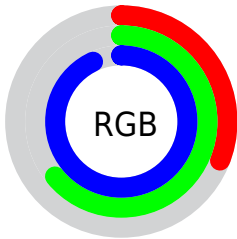
Format	Color
RYB	80, 135, 237
Decimal	5285101
CIELab	65.26, -2.88, -44.11
CIELCh	65, 44.207, 266.268
Yxy	34.3708, 0.2106, 0.2271
Android (android.graphics.Color)	4283475181 (0xFF50A4ED)
YUV	147.2060, 44.2684, -58.9397
Hunter-Lab	58.6266, -5.5629, -44.9993

Details

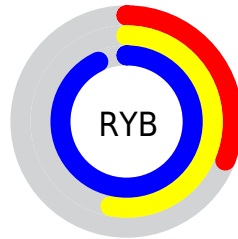
The Decimal color **5285101** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **15571280**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **9427967**, and **29109** is the 20% darker color. If you saturate the color by 10%, you get **3709421**, and if you desaturate by 10%, it is **6860781**.

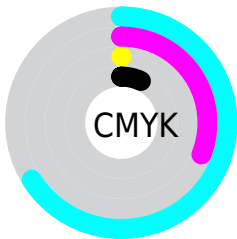
Distribution



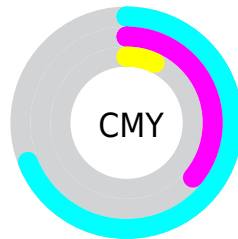
- Red (31%)
- Green (64%)
- Blue (93%)



- Red (31%)
- Yellow (53%)
- Blue (93%)



- Cyan (66%)
- Magenta (31%)
- Yellow (0%)
- Black (7%)



- Cyan (69%)
- Magenta (36%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5285101 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 5285101 by changing the saturation by 10% instead.

■ 5285101

■ 5285101

16777215

■ 2722513

■ 9427967

■ 29109

■ 11466751

■ 22682

■ 13434879

■ 16767

■ 15400959

■ 11366

■ 6221

■ 1334

■ 544

■ 4

■ 5285101

■ 5285101

■ 3709421

■ 6860781

■ 2199277

■ 8370925

■ 623597

■ 9946605

■ 32749

■ 11522285

■ 13032429

■ 14608109

■ 16183789

■ 16776429

■ 16777197

Harmonies

Analogous

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



44767



5285101



10131173

Triad

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



5285101



15303038



6532977

Complementary

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



5285101



15571280

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.



9676629



5285101



14257246

Square

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



5285101



15040165



12294734



766616

Rectangle

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



5285101



12422357



12294734



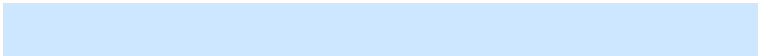
7711846

Sweetspot

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



5285101



13428735



5303703



6386048



0



8421504

Same Dimension

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



5285101



3580415



5265645



6975605



25013



7478

Inverse Universe

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



15552676



16725665



15590736



7694960



11862113



3538973

Previews

White Background



This preview shows how the Decimal color 5285101 looks on a white background.

Color Contrast Check

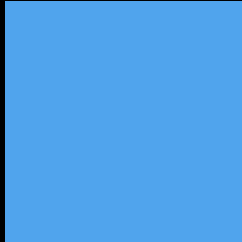
Large Text (above 18pt) WCAG AA × Fail

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 5285101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

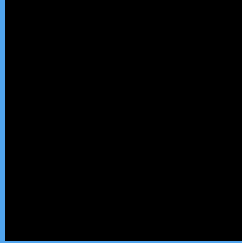
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

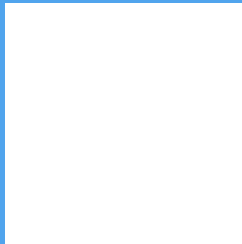
Any Text WCAG AAA ✓ Pass

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

Decimal 5285101 Background



This preview shows how black text looks on a background with the Decimal color 5285101.




This preview shows how white text looks on a background with the Decimal color 5285101.

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](#).

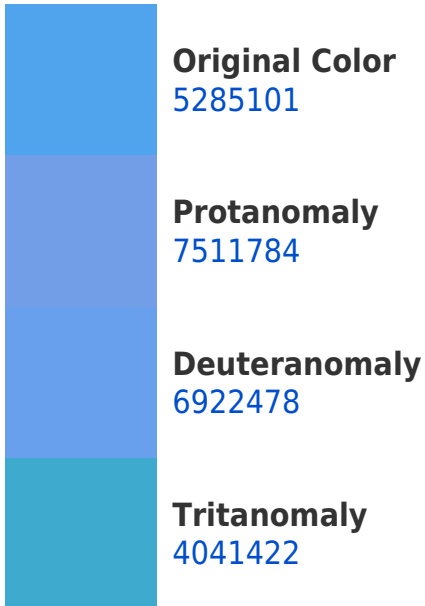
Dichromacy



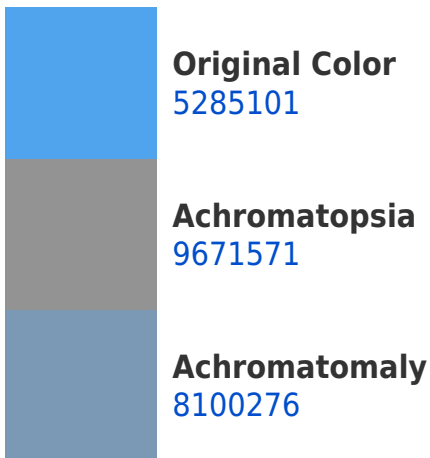


Tritanopia
3321532

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5285101 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 #50A4ED looks like.

```
.text, #text, p{  
    color:#50A4ED  
}
```

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 #50A4ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50A4ED
}
```

Border

The CSS property to change the border of an element to Decimal 5285101 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
#50A4ED }
```

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

```
.border{ border-color:#50A4ED }
```

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

Here you see how a box with a 4 pixel #50A4ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50A4ED; -webkit-box-shadow:4px 4px  
4px 4px #50A4ED; box-shadow:4px 4px 4px  
4px #50A4ED }
```

Background

The CSS property to change the background color of an element to Decimal 5285101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50A4ED }
```

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

```
.background{ background-color:#50A4ED }
```

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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