

Converting Colors

Decimal(5756401)

Have a look what the booklet for
Decimal(5756401) contains.

Decimal(5756401)	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(5756401)

Conversions

Conversions Part 1

Format	Color
Hex	57D5F1
RGB	87, 213, 241
RGB Percent	34%, 84%, 95%
CMY	0.6588, 0.1647, 0.0549
CMYK	0.64, 0.12, 0.00, 0.05
HSL	191°, 85%, 64%
HSV	191°, 64%, 95%
XYZ	43.6019, 55.9656, 91.7235
YIQ	178.5180, -84.0840, -18.0040

Conversions

Conversions Part 2

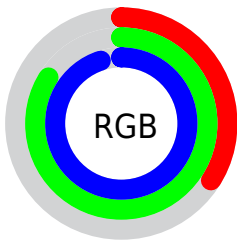
Format	Color
R _Y B	87, 156, 241
Decimal	5756401
CIE Lab	79.59, -26.42, -24.07
CIE LCh	80, 35.744, 222.330
Yxy	55.9656, 0.2279, 0.2926
Android (android.graphics.Color)	4283946481 (0xFF57D5F1)
YUV	178.5180, 30.8036, -80.2613
Hunter-Lab	74.8102, -26.8819, -20.3273

Details

The Decimal color **5756401** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **15823703**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **9961471**, and **40633** is the 20% darker color. If you saturate the color by 10%, you get **4182513**, and if you desaturate by 10%, it is **7330289**.

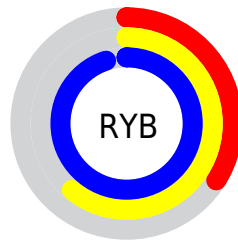
Distribution



Red (34%)

Green (84%)

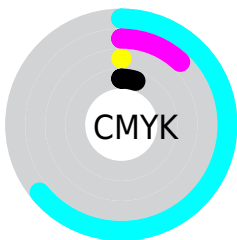
Blue (95%)



Red (34%)

Yellow (61%)

Blue (95%)

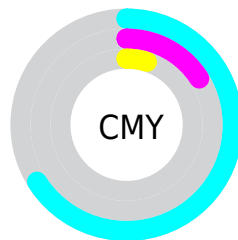


Cyan (64%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (66%)

Magenta (16%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5756401 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 5756401 by changing the saturation by 10% instead.

■ 5756401

■ 5756401

16777215

■ 3193301

■ 9961471

■ 40633

■ 11993087

■ 33950

■ 14024703

■ 27268

■ 16056319

■ 21098

■ 14930

■ 9531

■ 550

■ 270

■ 5756401

■ 5756401

■ 4182513

■ 7330289

■ 2608369

■ 8904433

■ 1034481

■ 10478321

■ 50673

■ 12052465

■ 13626353

■ 15265777

■ 16774385

■ 16775409

■ 16776433

Harmonies

Analogous

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



6281426



5756401



8113919

Triad

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



5756401



16429018



13617284

Complementary

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



5756401



15823703

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.



15645830



5756401



16755897

Square

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



5756401



14399735



16757402



11129235

Rectangle

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



5756401



10275071



16757402



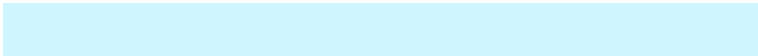
14337154

Sweetspot

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



5756401



13629183



5763441



6453888



0



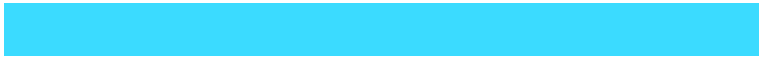
8421504

Same Dimension

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



5756401



3922943



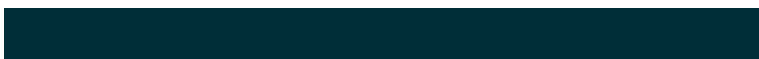
5737201



7108216



38584



11832

Inverse Universe

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



15816661



16727003



15842903



7892086



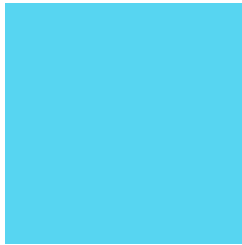
12058774



3670062

Previews

White Background



This preview shows how the Decimal color 5756401 looks on a white background.

Color Contrast Check

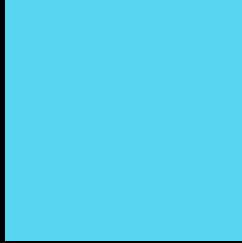
Large Text (above 18pt) WCAG AA × Fail

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 5756401 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 5756401 Background



This preview shows how black text looks on a background with the Decimal color 5756401.

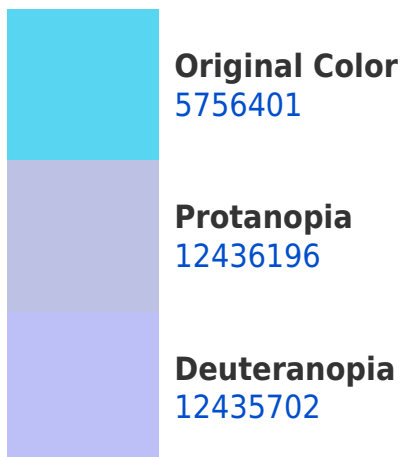


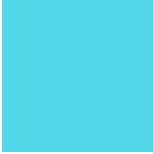
This preview shows how white text looks on a background with the Decimal color 5756401.

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



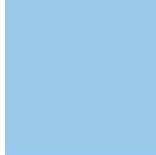


Tritanopia
5429224

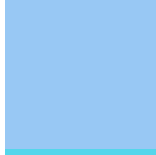
Trichromacy



Original Color
5756401



Protanomaly
10013161



Deuteranomaly
10012916

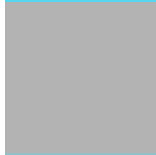


Tritanomaly
5560043

Monochromacy



Original Color
5756401



Achromatopsia
11776947



Achromatomaly
9617354

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5756401 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 #57D5F1 looks like.

```
.text, #text, p{  
    color:#57D5F1  
}
```

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 #57D5F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57D5F1
}
```

Border

The CSS property to change the border of an element to Decimal 5756401 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
#57D5F1 }
```

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

```
.border{ border-color:#57D5F1 }
```

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

Here you see how a box with a 4 pixel #57D5F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57D5F1; -webkit-box-shadow:4px 4px  
4px 4px #57D5F1; box-shadow:4px 4px 4px  
4px #57D5F1 }
```

Background

The CSS property to change the background color of an element to Decimal 5756401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57D5F1 }
```

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

```
.background{ background-color:#57D5F1 }
```

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