

Converting Colors

Decimal(7585010)

Have a look what the booklet for
Decimal(7585010) contains.

Decimal(7585010)	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(7585010)

Conversions

Conversions Part 1

Format	Color
Hex	73BCF2
RGB	115, 188, 242
RGB Percent	45%, 74%, 95%
CMY	0.5490, 0.2627, 0.0510
CMYK	0.52, 0.22, 0.00, 0.05
HSL	206°, 83%, 70%
HSV	206°, 52%, 95%
XYZ	41.0805, 46.0221, 90.7224
YIQ	172.3290, -60.8420, 1.3180

Conversions

Conversions Part 2

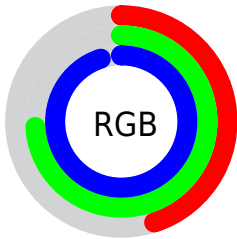
Format	Color
R _Y B	115, 161, 242
Decimal	7585010
CIE Lab	73.56, -8.00, -33.78
CIE LCh	74, 34.718, 256.685
Yxy	46.0221, 0.2310, 0.2588
Android (android.graphics.Color)	4285775090 (0xFF73BCF2)
YUV	172.3290, 34.3478, -50.2775
Hunter-Lab	67.8396, -10.6280, -31.8013

Details

The Decimal color **7585010** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **15903091**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **11465983**, and **3442618** is the 20% darker color. If you saturate the color by 10%, you get **6009586**, and if you desaturate by 10%, it is **9160434**.

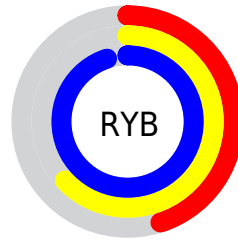
Distribution



Red (45%)

Green (74%)

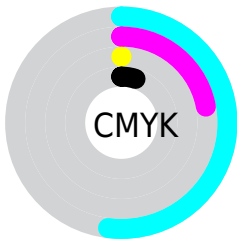
Blue (95%)



Red (45%)

Yellow (63%)

Blue (95%)

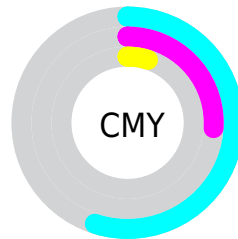


Cyan (52%)

Magenta (22%)

Yellow (0%)

Black (5%)



Cyan (55%)

Magenta (26%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7585010 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 7585010 by changing the saturation by 10% instead.

■ 7585010

■ 7585010

16777215

■ 5611989

■ 11465983

■ 3442618

■ 13369343

■ 28319

■ 15335423

■ 21892

■ 15979

■ 10578

■ 5435

■ 549

■ 269

■ 7585010

■ 7585010

■ 6009586

■ 9160434

■ 4433906

■ 10736114

■ 2792946

■ 12377074

■ 1217522

■ 13952498

■ 35826

■ 15527922

■ 16775922

■ 16777202

Harmonies

Analogous

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



4965346



7585010



10859249

Triad

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



7585010



16031140



9814152

Complementary

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



7585010



15903091

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.



12171383



7585010



15508360

Square

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



7585010



15376068



14134903



7259557

Rectangle

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



7585010



12757736



14134903



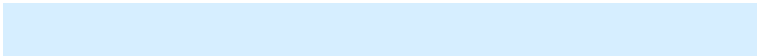
10600065

Sweetspot

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



7585010



14085887



7598760



6780288



0



8421504

Same Dimension

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



7585010



6208511



7569138



7107448



27320



8248

Inverse Universe

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



15889340



16735931



15918963



7892083



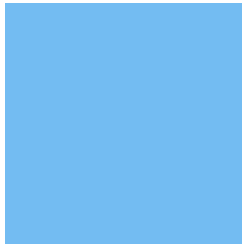
12058730



3670048

Previews

White Background



This preview shows how the Decimal color 7585010 looks on a white background.

Color Contrast Check

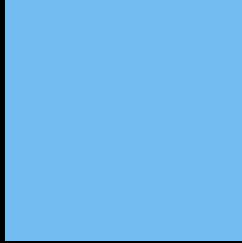
Large Text (above 18pt) WCAG AA × Fail

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 7585010 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 7585010 Background



This preview shows how black text looks on a background with the Decimal color 7585010.



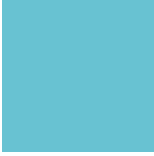
This preview shows how white text looks on a background with the Decimal color 7585010.

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
6865618

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7585010 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 #73BCF2 looks like.

```
.text, #text, p{  
    color:#73BCF2  
}
```

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 #73BCF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73BCF2
}
```

Border

The CSS property to change the border of an element to Decimal 7585010 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
#73BCF2 }
```

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

```
.border{ border-color:#73BCF2 }
```

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

Here you see how a box with a 4 pixel #73BCF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73BCF2; -webkit-box-shadow:4px 4px  
4px 4px #73BCF2; box-shadow:4px 4px 4px  
4px #73BCF2 }
```

Background

The CSS property to change the background color of an element to Decimal 7585010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73BCF2 }
```

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

```
.background{ background-color:#73BCF2 }
```

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