

Converting Colors

Decimal(8305640)

Have a look what the booklet for
Decimal(8305640) contains.

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Color

Decimal(8305640)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 7EBBE8 |
| RGB | 126, 187, 232 |
| RGB Percent | 49%, 73%, 91% |
| CMY | 0.5059, 0.2667, 0.0902 |
| CMYK | 0.46, 0.19, 0.00, 0.09 |
| HSL | 205°, 70%, 70% |
| HSV | 205°, 46%, 91% |
| XYZ | 40.9400, 45.8025, 83.0269 |
| YIQ | 173.8910, -50.8010, 1.0630 |

Conversions

Conversions Part 2

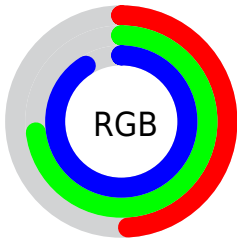
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 126, 165, 232 |
| Decimal | 8305640 |
| CIE Lab | 73.42, -7.81, -28.55 |
| CIE LCh | 73, 29.601, 254.697 |
| Yxy | 45.8025, 0.2412, 0.2698 |
| Android (android.graphics.Color) | 4286495720 (0xFF7EBBE8) |
| YUV | 173.8910, 28.6477, -42.0004 |
| Hunter-Lab | 67.6775, -10.4561, -25.3628 |

Details

The Decimal color **8305640** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **15248254**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **12055551**, and **4556464** is the 20% darker color. If you saturate the color by 10%, you get **6795752**, and if you desaturate by 10%, it is **9815528**.

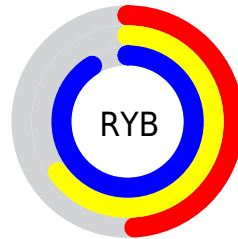
Distribution



Red (49%)

Green (73%)

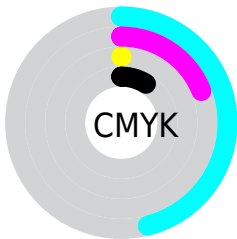
Blue (91%)



Red (49%)

Yellow (65%)

Blue (91%)

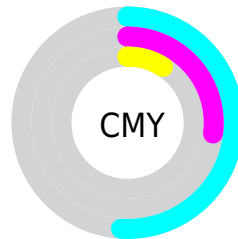


Cyan (46%)

Magenta (19%)

Yellow (0%)

Black (9%)



Cyan (51%)

Magenta (27%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8305640 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 8305640 by changing the saturation by 10% instead.

8305640

8305640

16777215

6463692

12055551

4556464

13959167

2452885

15859711

21627

15714

10314

5171

542

0

■ 8305640

■ 8305640

■ 6795752

■ 9815528

■ 5285864

■ 11325416

■ 3710440

■ 12900840

■ 2200808

■ 14410472

■ 690920

■ 15920360

■ 34536

■ 16774888

■ 16777192

Harmonies

Analogous

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



6537690



8305640



10859241

Triad

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



8305640



15442344



10206861

Complementary

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



8305640



15248254

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.



12236671



8305640



15115663

Square

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



8305640



14787267



13938304



8176293

Rectangle

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



8305640



12496097



13938304



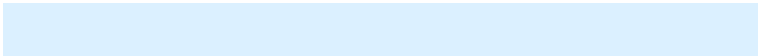
10927239

Sweetspot

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



8305640



14414079



8317098



6977152



0



8421504

Same Dimension

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



8305640



7586815



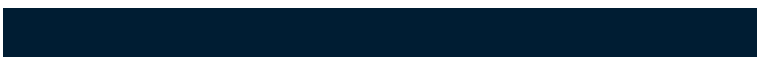
8292328



6778483



26547



7475

Inverse Universe

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



15236795



16741315



15261566



7563118



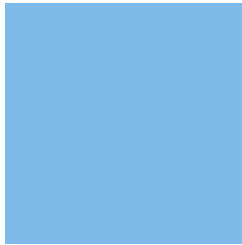
11731047



3342365

Previews

White Background



This preview shows how the Decimal color 8305640 looks on a white background.

Color Contrast Check

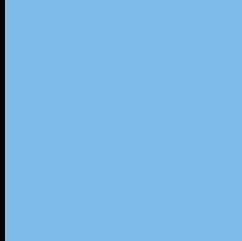
Large Text (above 18pt) WCAG AA × Fail

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 8305640 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

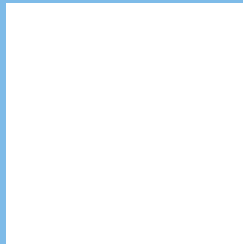
Any Text WCAG AAA ✓ Pass

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

Decimal 8305640 Background



This preview shows how black text looks on a background with the Decimal color 8305640.



This preview shows how white text looks on a background with the Decimal color 8305640.

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



Original Color
8305640

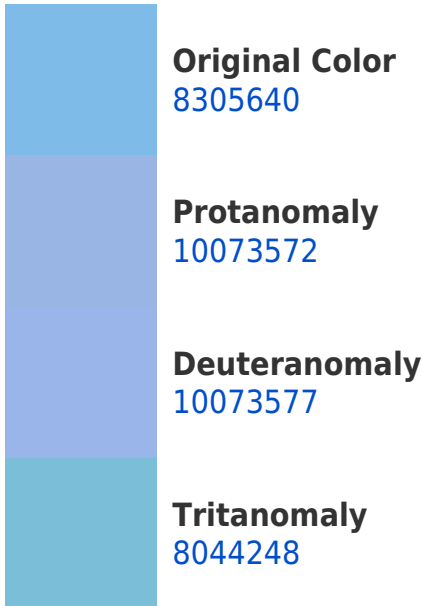
Protanopia
11055841

Deuteranopia
11055594



Tritanopia
7847887

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 8305640 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 #7EBBE8 looks like.

```
.text, #text, p{  
    color:#7EBBE8  
}
```

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 #7EBBE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EBBE8  
}
```

Border

The CSS property to change the border of an element to Decimal 8305640 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  
#7EBBE8 }
```

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

```
.border{ border-color:#7EBBE8 }
```

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

Here you see how a box with a 4 pixel #7EBBE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EBBE8; -webkit-box-shadow:4px 4px  
4px 4px #7EBBE8; box-shadow:4px 4px 4px  
4px #7EBBE8 }
```

Background

The CSS property to change the background color of an element to Decimal 8305640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EBBE8 }
```

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

```
.background{ background-color:#7EBBE8 }
```

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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