

Converting Colors

Decimal(8241642)

Have a look what the booklet for
Decimal(8241642) contains.

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Color

Decimal(8241642)

Conversions

Conversions Part 1

Format	Color
Hex	7DC1EA
RGB	125, 193, 234
RGB Percent	49%, 76%, 92%
CMY	0.5098, 0.2431, 0.0824
CMYK	0.47, 0.18, 0.00, 0.08
HSL	203°, 72%, 70%
HSV	203°, 47%, 92%
XYZ	42.3787, 48.4404, 84.9582
YIQ	177.3420, -53.6890, -1.6650

Conversions

Conversions Part 2

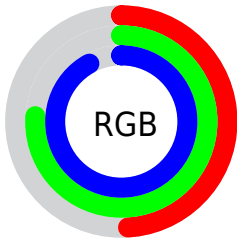
Format	Color
R_{YB}	125, 167, 234
Decimal	8241642
CIE _{Lab}	75.10, -10.70, -27.05
CIE _{LCh}	75, 29.092, 248.417
Yxy	48.4404, 0.2411, 0.2756
Android (android.graphics.Color)	4286431722 (0xFF7DC1EA)
YUV	177.3420, 27.9324, -45.9039
Hunter-Lab	69.5991, -13.1104, -23.6547

Details

The Decimal color **8241642** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **15378045**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **11991551**, and **4426930** is the 20% darker color. If you saturate the color by 10%, you get **6732010**, and if you desaturate by 10%, it is **9751274**.

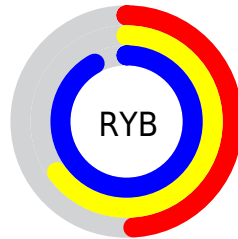
Distribution



Red (49%)

Green (76%)

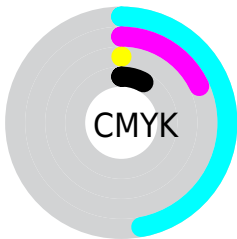
Blue (92%)



Red (49%)

Yellow (65%)

Blue (92%)

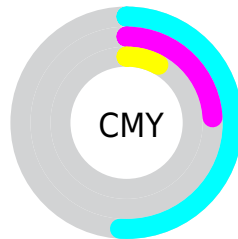


Cyan (47%)

Magenta (18%)

Yellow (0%)

Black (8%)



Cyan (51%)

Magenta (24%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8241642 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 8241642 by changing the saturation by 10% instead.

8241642

8241642

16777215

6334158

11991551

4426930

13893631

2192023

15859711

23165

16996

11340

6197

544

3

■ 8241642

■ 8241642

■ 6732010

■ 9751274

■ 5156842

■ 11326442

■ 3647466

■ 12835818

■ 2072298

■ 14410986

■ 562666

■ 15920618

■ 37610

■ 16774890

■ 16777194

Harmonies

Analogous

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



6866649



8241642



10664430

Triad

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



8241642



15639986



10994062

Complementary

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



8241642



15378045

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.



12958340



8241642



15509913

Square

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



8241642



14854349



14528904



8963748

Rectangle

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



8241642



12301288



14528904



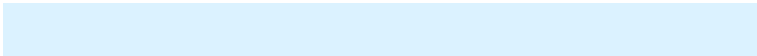
11648905

Sweetspot

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



8241642



14414591



8252069



6977408



0



8421504

Same Dimension

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



8241642



7391743



8228074



6975861



29109



8502

Inverse Universe

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



15367617



16740553



15391613



7694961



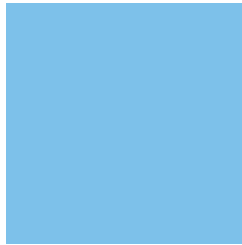
11862129



3538977

Previews

White Background



This preview shows how the Decimal color 8241642 looks on a white background.

Color Contrast Check

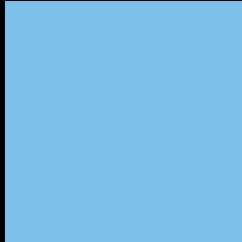
Large Text (above 18pt) WCAG AA × Fail

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 8241642 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

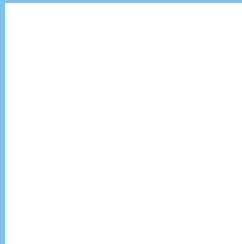
Any Text WCAG AAA ✓ Pass

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

Decimal 8241642 Background



This preview shows how black text looks on a background with the Decimal color 8241642.



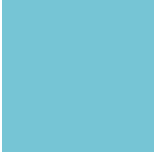
This preview shows how white text looks on a background with the Decimal color 8241642.

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



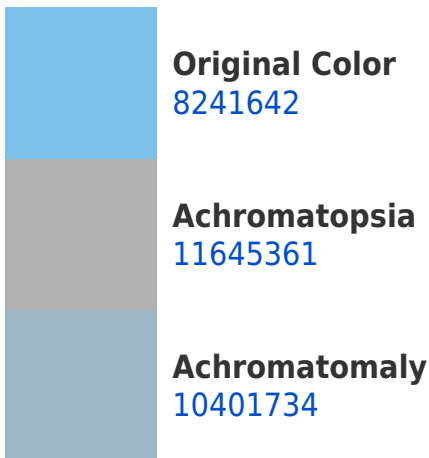


Tritanopia
7783893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 8241642 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 #7DC1EA looks like.

```
.text, #text, p{  
    color:#7DC1EA  
}
```

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 #7DC1EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DC1EA
}
```

Border

The CSS property to change the border of an element to Decimal 8241642 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
#7DC1EA }
```

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

```
.border{ border-color:#7DC1EA }
```

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

Here you see how a box with a 4 pixel #7DC1EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DC1EA; -webkit-box-shadow:4px 4px  
4px 4px #7DC1EA; box-shadow:4px 4px 4px  
4px #7DC1EA }
```

Background

The CSS property to change the background color of an element to Decimal 8241642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DC1EA }
```

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

```
.background{ background-color:#7DC1EA }
```

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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