

# Converting Colors

Decimal(8115429)

Have a look what the booklet for  
Decimal(8115429) contains.

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# **Color**

**Decimal(8115429)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BD4E5
RGB	123, 212, 229
RGB Percent	48%, 83%, 90%
CMY	0.5176, 0.1686, 0.1020
CMYK	0.46, 0.07, 0.00, 0.10
HSL	190°, 67%, 69%
HSV	190°, 46%, 90%
XYZ	45.8547, 56.9551, 82.7054
YIQ	187.3270, -58.5010, -13.5810

# Conversions

## Conversions Part 2

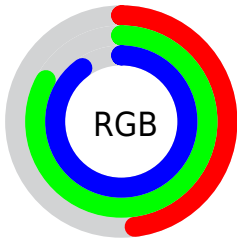
Format	Color
<a href="#">RYB</a>	<a href="#">123, 171, 229</a>
Decimal	<a href="#">8115429</a>
CIELab	<a href="#">80.15, -22.31, -16.70</a>
CIELCh	<a href="#">80, 27.866, 216.817</a>
Yxy	<a href="#">56.9551, 0.2472, 0.3070</a>
Android (android.graphics.Color)	<a href="#">4286305509 (0xFF7BD4E5)</a>
YUV	<a href="#">187.3270, 20.5448, -56.4148</a>
Hunter-Lab	<a href="#">75.4686, -23.6134, -12.1474</a>

# Details

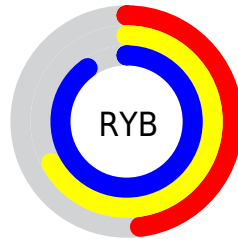
The Decimal color **8115429** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **15043707**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **11927551**, and **4234670** is the 20% darker color. If you saturate the color by 10%, you get **6607077**, and if you desaturate by 10%, it is **9623781**.

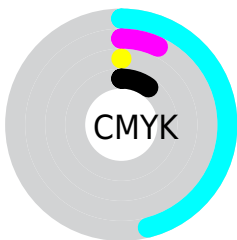
# Distribution



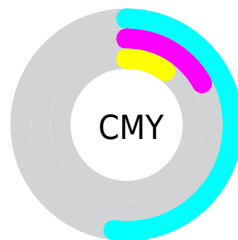
- Red (48%)
- Green (83%)
- Blue (90%)



- Red (48%)
- Yellow (67%)
- Blue (90%)



- Cyan (46%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (52%)
- Magenta (17%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8115429 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 8115429 by changing the saturation by 10% instead.



8115429

8115429

16777215

6207689

11927551

4234670

13828095

1737619

15794175

27257

20832

14921

9266

798

0

8115429

8115429

6607077

9623781

5098981

11131877

3590629

12640229

2082277

14148581

639717

15656677

49381

16771813

16772837

16773605

16774629

# Harmonies

## Analogous

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



8574668



8115429



9293814

# Triad

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



8115429



15579100



13944723

# Complementary

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



8115429



15043707

# 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.



15515288



8115429



16495810

# Square

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



8115429



13811440



16431017



12046237

# Rectangle

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



8115429



10734330



16431017



14533779

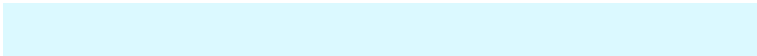


# Sweetspot

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



8115429



14416383



8119691



6978688



0



8421504



# Same Dimension

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



8115429



7399679



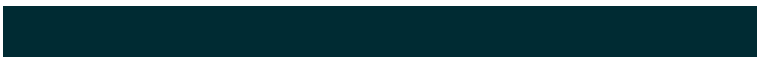
8102117



6779251



38579



11059



# Inverse Universe

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



15039444



16740584



15057019



7563121



11731094

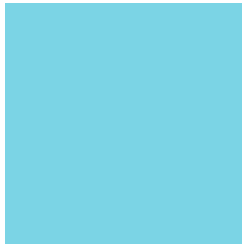


3342379



# Previews

## White Background



This preview shows how the Decimal color 8115429 looks on a white background.

## Color Contrast Check

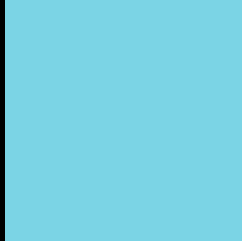
Large Text (above 18pt) WCAG AA × Fail

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 8115429 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 8115429 Background



This preview shows how black text looks on a background with the Decimal color 8115429.



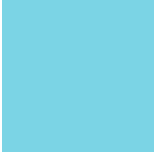
This preview shows how white text looks on a background with the Decimal color 8115429.

# 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**  
8115429

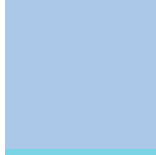
# Trichromacy



**Original Color**  
8115429



**Protanomaly**  
11127519



**Deuteranomaly**  
11323624

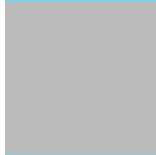


**Tritanomaly**  
8115429

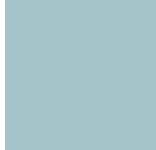
# Monochromacy



**Original Color**  
8115429



**Achromatopsia**  
12303291



**Achromatomaly**  
10798282

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8115429 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 #7BD4E5 looks like.

```
.text, #text, p{  
    color:#7BD4E5  
}
```

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 #7BD4E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BD4E5
}
```

## Border

The CSS property to change the border of an element to Decimal 8115429 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
#7BD4E5 }
```

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

```
.border{ border-color:#7BD4E5 }
```

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

Here you see how a box with a 4 pixel #7BD4E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BD4E5; -webkit-box-shadow:4px 4px  
4px 4px #7BD4E5; box-shadow:4px 4px 4px  
4px #7BD4E5 }
```

# Background

The CSS property to change the background color of an element to Decimal 8115429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BD4E5 }
```

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

```
.background{ background-color:#7BD4E5 }
```

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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