

Converting Colors

Decimal(827616)

Have a look what the booklet for
Decimal(827616) contains.

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Color

Decimal(827616)

Conversions

Conversions Part 1

Format	Color
Hex	0CA0E0
RGB	12, 160, 224
RGB Percent	5%, 63%, 88%
CMY	0.9529, 0.3725, 0.1216
CMYK	0.95, 0.29, 0.00, 0.12
HSL	198°, 90%, 46%
HSV	198°, 95%, 88%
XYZ	26.1770, 30.6016, 75.0480
YIQ	123.0440, -108.7520, -11.4720

Conversions

Conversions Part 2

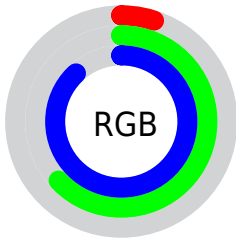
Format	Color
RYB	12, 99, 224
Decimal	827616
CIELab	62.17, -11.63, -41.89
CIELCh	62, 43.476, 254.485
Yxy	30.6016, 0.1986, 0.2321
Android (android.graphics.Color)	4279017696 (0xFF0CA0E0)
YUV	123.0440, 49.7713, -97.3856
Hunter-Lab	55.3187, -12.3410, -41.7126

Details

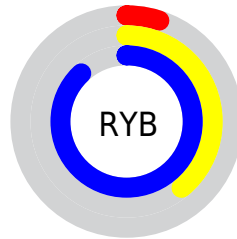
The Decimal color **827616** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **14699532**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **7067647**, and **28072** is the 20% darker color. If you saturate the color by 10%, you get **40160**, and if you desaturate by 10%, it is **2271200**.

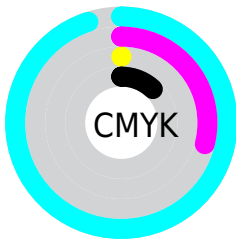
Distribution



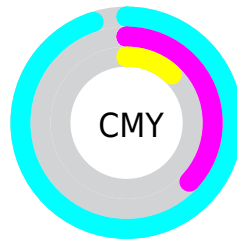
- Red (5%)
- Green (63%)
- Blue (88%)



- Red (5%)
- Yellow (39%)
- Blue (88%)



- Cyan (95%)
- Magenta (29%)
- Yellow (0%)
- Black (12%)

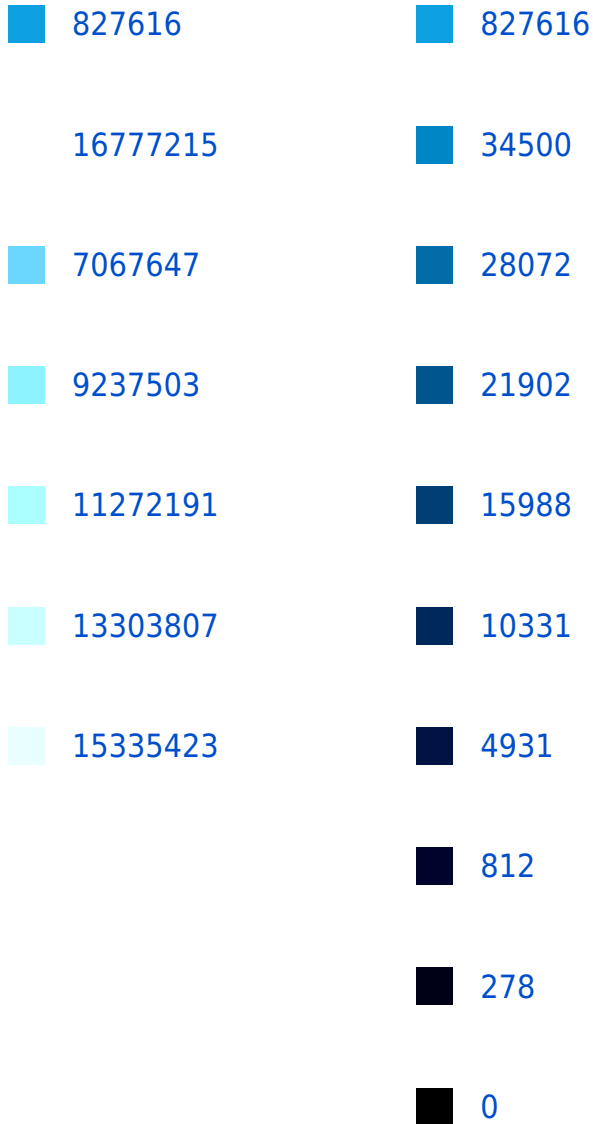


- Cyan (95%)
- Magenta (37%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 827616 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 827616 by changing the saturation by 10% instead.



■ 827616

■ 827616

■ 40160

■ 2271200

■ 3780320

■ 5223648

■ 6732768

■ 8176352

■ 9619936

■ 11128800

■ 12572384

■ 14081504

Harmonies

Analogous

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



42955



827616



7967969

Triad

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



827616



14710661



7381853

Complementary

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



827616



14699532

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.



10197577



827616



14122850

Square

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



827616



13924780



12553547



3516800

Rectangle

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



827616



10586838



12553547



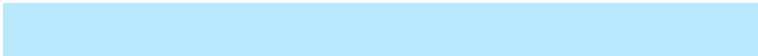
8429909

Sweetspot

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



827616



12118527



843852



5534336



0



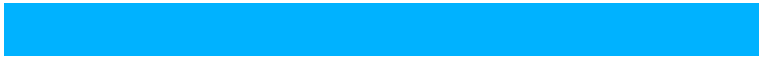
8421504

Same Dimension

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



827616



45823



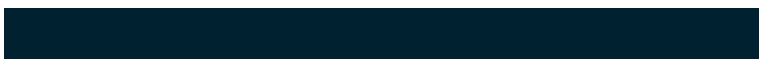
800480



6647152



31664



8752

Inverse Universe

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



14683296



16711858



14726668



7365997



11534459



3145762

Previews

White Background



This preview shows how the Decimal color 827616 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 827616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

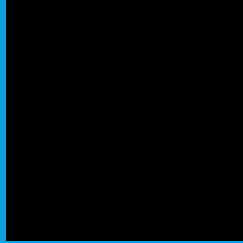
Any Text WCAG AA ✓ Pass

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 827616 Background



This preview shows how black text looks on a background with the Decimal color 827616.



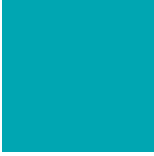
This preview shows how white text looks on a background with the Decimal color 827616.

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](#).

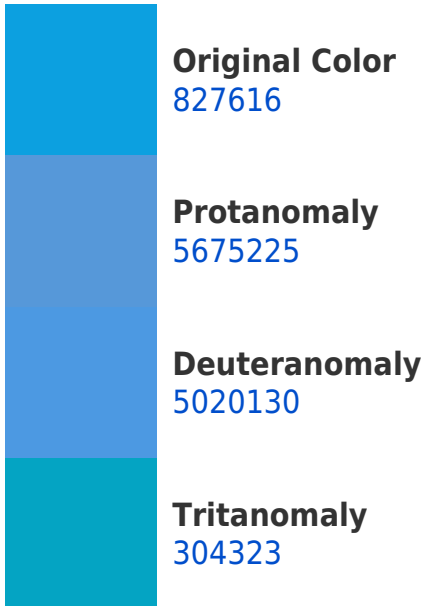
Dichromacy



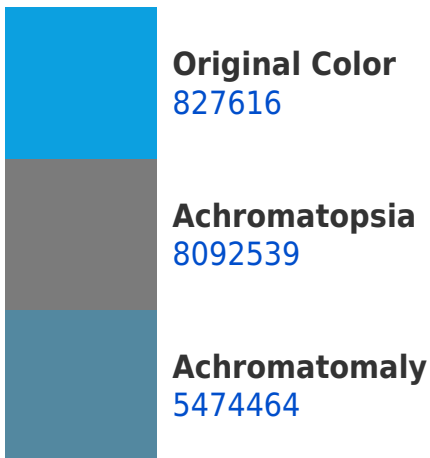


Tritanopia
42674

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 827616 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 #0CA0E0 looks like.

```
.text, #text, p{  
    color:#0CA0E0  
}
```

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 #0CA0E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CA0E0
}
```

Border

The CSS property to change the border of an element to Decimal 827616 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
#0CA0E0 }
```

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

```
.border{ border-color:#0CA0E0 }
```

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

Here you see how a box with a 4 pixel #0CA0E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CA0E0; -webkit-box-shadow:4px 4px  
4px 4px #0CA0E0; box-shadow:4px 4px 4px  
4px #0CA0E0 }
```

Background

The CSS property to change the background color of an element to Decimal 827616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CA0E0 }
```

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

```
.background{ background-color:#0CA0E0 }
```

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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