

Converting Colors

Decimal(2735574)

Have a look what the booklet for
Decimal(2735574) contains.

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Color

Decimal(2735574)

Conversions

Conversions Part 1

Format	Color
Hex	29BDD6
RGB	41, 189, 214
RGB Percent	16%, 74%, 84%
CMY	0.8392, 0.2588, 0.1608
CMYK	0.81, 0.12, 0.00, 0.16
HSL	189°, 68%, 50%
HSV	189°, 81%, 84%
XYZ	31.2496, 41.7216, 70.0244
YIQ	147.5980, -96.2330, -23.6010

Conversions

Conversions Part 2

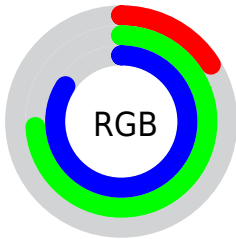
Format	Color
R _{YB}	41, 121, 214
Decimal	2735574
CIE Lab	70.68, -28.52, -23.19
CIE LCh	71, 36.757, 219.113
Yxy	41.7216, 0.2185, 0.2918
Android (android.graphics.Color)	4280925654 (0xFF29BDD6)
YUV	147.5980, 32.7362, -93.4864
Hunter-Lab	64.5923, -26.6785, -19.0616

Details

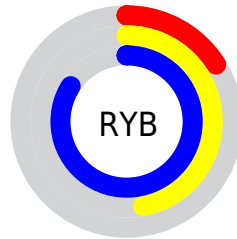
The Decimal color **2735574** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle washed azure. A complement of this color would be **14041641**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **7730943**, and **34719** is the 20% darker color. If you saturate the color by 10%, you get **1358550**, and if you desaturate by 10%, it is **4112598**.

Distribution



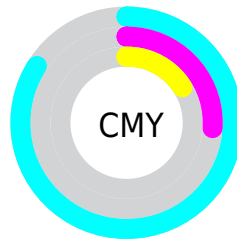
- Red (16%)
- Green (74%)
- Blue (84%)



- Red (16%)
- Yellow (47%)
- Blue (84%)



- Cyan (81%)
- Magenta (12%)
- Yellow (0%)
- Black (16%)

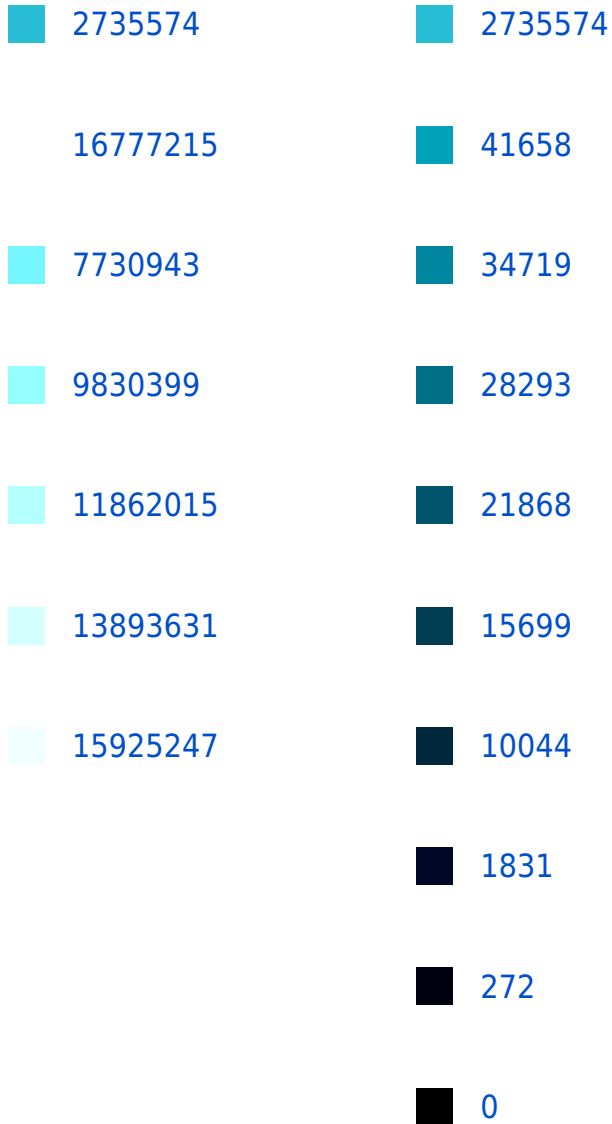


- Cyan (84%)
- Magenta (26%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2735574 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 2735574 by changing the saturation by 10% instead.



■ 2735574

■ 2735574

■ 1358550

■ 4112598

■ 47062

■ 5555158

■ 6932182

■ 8374742

■ 9751766

■ 11129046

■ 12571606

■ 13948630

■ 15391190

Harmonies

Analogous

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



4177846



2735574



5617643

Triad

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



2735574



14653126



12168810

Complementary

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



2735574



14041641

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.



14132079



2735574



15635364

Square

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



2735574



12493281



15374468



9811832

Rectangle

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



2735574



8106223



15374468



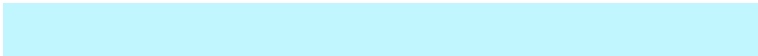
12888938

Sweetspot

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



2735574



12777215



2741824



5995136



0



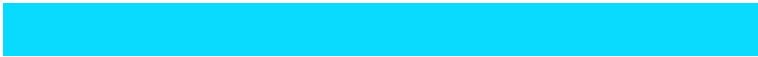
8421504

Same Dimension

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



2735574



580607



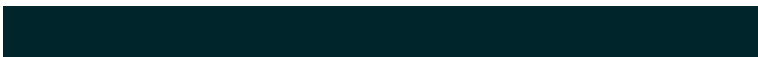
2713814



6318699



37547



9515

Inverse Universe

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



14035389



16713947



14063401



7037034



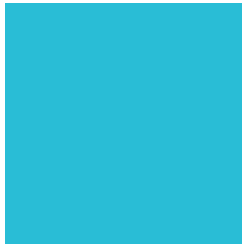
11206802



2818085

Previews

White Background



This preview shows how the Decimal color 2735574 looks on a white background.

Color Contrast Check

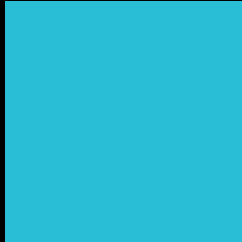
Large Text (above 18pt) WCAG AA × Fail

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 2735574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

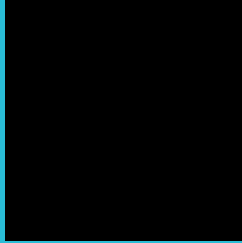
Any Text WCAG AA ✓ Pass

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 2735574 Background



This preview shows how black text looks on a background with the Decimal color 2735574.



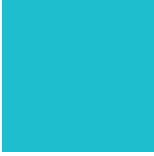
This preview shows how white text looks on a background with the Decimal color 2735574.

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



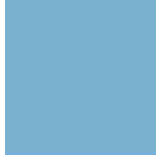


Tritanopia
2080462

Trichromacy



Original Color
2735574



Protanomaly
7975374



Deuteranomaly
7844057



Tritanomaly
2342609

Monochromacy



Original Color
2735574



Achromatopsia
9737364



Achromatomaly
7185324

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2735574 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 #29BDD6 looks like.

```
.text, #text, p{  
    color:#29BDD6  
}
```

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 #29BDD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29BDD6
}
```

Border

The CSS property to change the border of an element to Decimal 2735574 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
#29BDD6 }
```

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

```
.border{ border-color:#29BDD6 }
```

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

Here you see how a box with a 4 pixel #29BDD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29BDD6; -webkit-box-shadow:4px 4px  
4px 4px #29BDD6; box-shadow:4px 4px 4px  
4px #29BDD6 }
```

Background

The CSS property to change the background color of an element to Decimal 2735574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29BDD6 }
```

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

```
.background{ background-color:#29BDD6 }
```

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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