

Converting Colors

Decimal(4576742)

Have a look what the booklet for
Decimal(4576742) contains.

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Color

Decimal(4576742)

Conversions

Conversions Part 1

Format	Color
Hex	45D5E6
RGB	69, 213, 230
RGB Percent	27%, 84%, 90%
CMY	0.7294, 0.1647, 0.0980
CMYK	0.70, 0.07, 0.00, 0.10
HSL	186°, 76%, 59%
HSV	186°, 70%, 90%
XYZ	40.5314, 54.5669, 83.2591
YIQ	171.8820, -91.2810, -25.2410

Conversions

Conversions Part 2

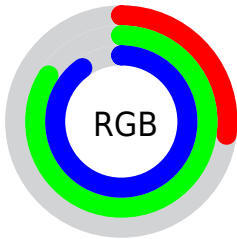
Format	Color
R _Y B	69, 145, 230
Decimal	4576742
CIE Lab	78.79, -32.24, -19.46
CIE LCh	79, 37.652, 211.113
Yxy	54.5669, 0.2272, 0.3059
Android (android.graphics.Color)	4282766822 (0xFF45D5E6)
YUV	171.8820, 28.6522, -90.2275
Hunter-Lab	73.8694, -31.3302, -15.1179

Details

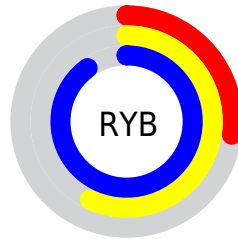
The Decimal color **4576742** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **15095365**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **9043967**, and **40622** is the 20% darker color. If you saturate the color by 10%, you get **3068902**, and if you desaturate by 10%, it is **6084582**.

Distribution



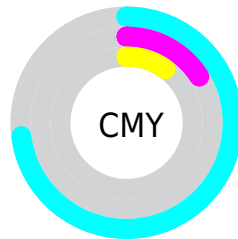
- Red (27%)
- Green (84%)
- Blue (90%)



- Red (27%)
- Yellow (57%)
- Blue (90%)



- Cyan (70%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)

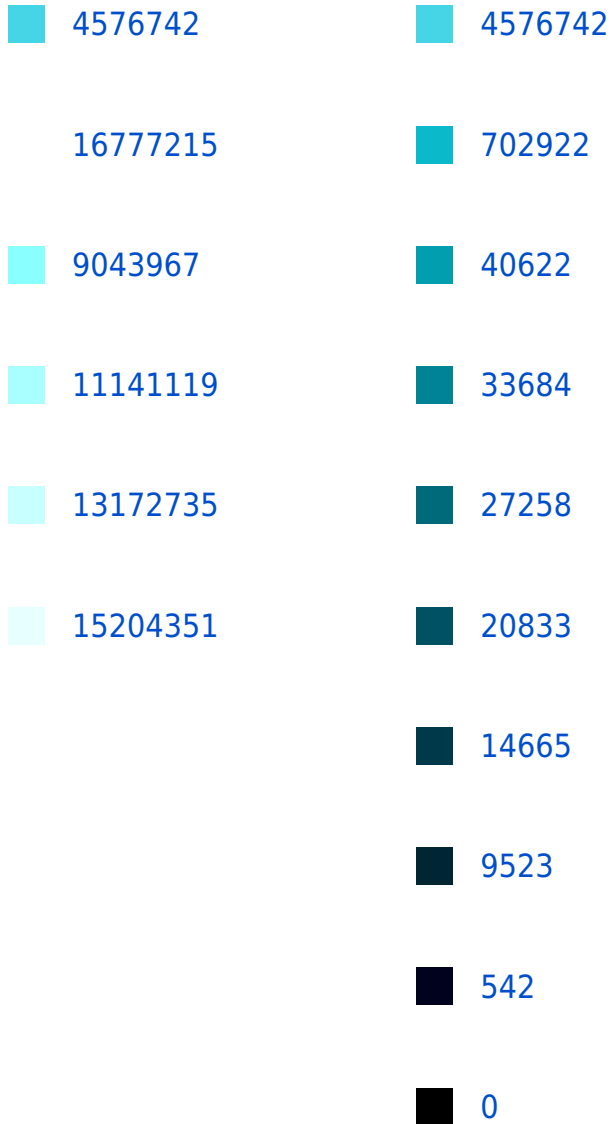


- Cyan (73%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4576742 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 4576742 by changing the saturation by 10% instead.



■ 4576742

■ 4576742

■ 3068902

■ 6084582

■ 1560806

■ 7592678

■ 52966

■ 9100518

■ 10608614

■ 12116454

■ 13624550

■ 15132390

■ 16640230

■ 16772070

Harmonies

Analogous

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



6411971



4576742



6279423

Triad

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



4576742



15838949



14336381

Complementary

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



4576742



15095365

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.



16168327



4576742



16754883

Square

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



4576742



13220607



16755617



11914374

Rectangle

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



4576742



8571647



16755617



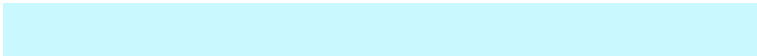
14990718

Sweetspot

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



4576742



13236735



4580949



6323328



0



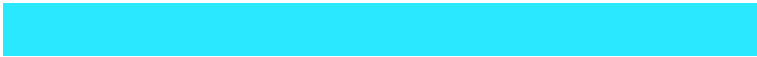
8421504

Same Dimension

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



4576742



2746623



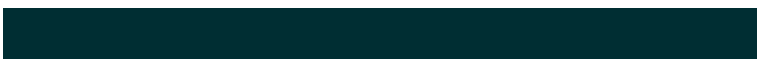
4556262



6779507



41139



11827

Inverse Universe

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



15091157



16722408



15115845



7563122



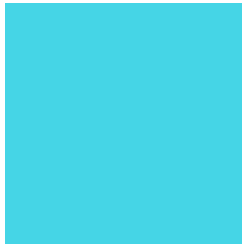
11731104



3342382

Previews

White Background



This preview shows how the Decimal color 4576742 looks on a white background.

Color Contrast Check

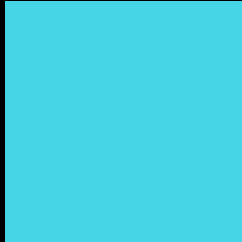
Large Text (above 18pt) WCAG AA × Fail

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 4576742 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 4576742 Background



This preview shows how black text looks on a background with the Decimal color 4576742.

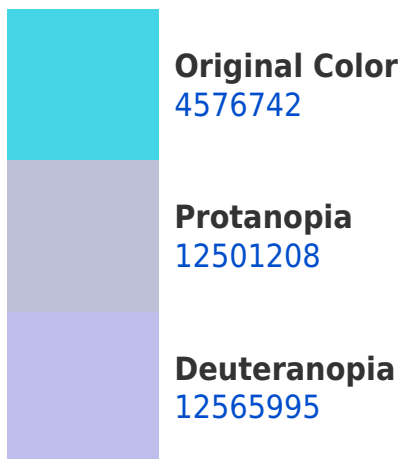


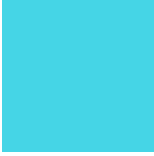
This preview shows how white text looks on a background with the Decimal color 4576742.

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](#).

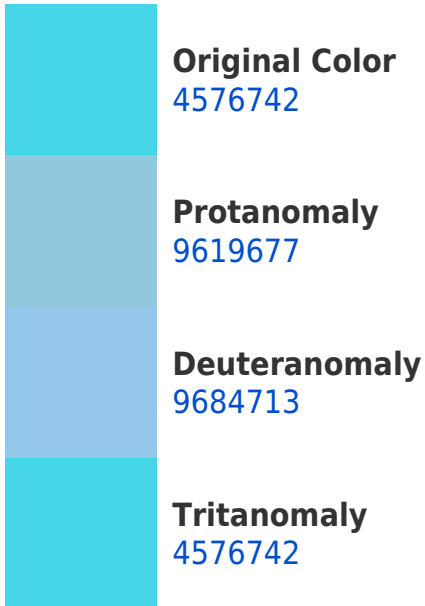
Dichromacy



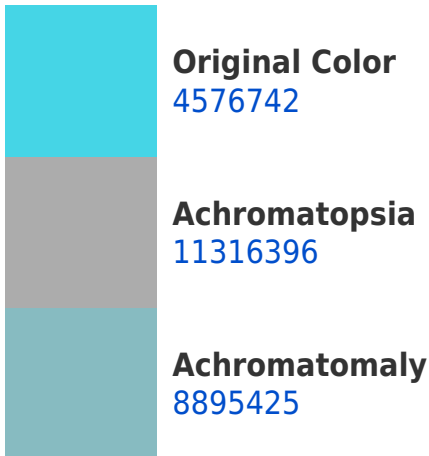


Tritanopia
4576742

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4576742 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 #45D5E6 looks like.

```
.text, #text, p{  
  color:#45D5E6  
}
```

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 #45D5E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45D5E6
}
```

Border

The CSS property to change the border of an element to Decimal 4576742 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
#45D5E6 }
```

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

```
.border{ border-color:#45D5E6 }
```

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

Here you see how a box with a 4 pixel #45D5E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45D5E6; -webkit-box-shadow:4px 4px  
4px 4px #45D5E6; box-shadow:4px 4px 4px  
4px #45D5E6 }
```

Background

The CSS property to change the background color of an element to Decimal 4576742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45D5E6 }
```

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

```
.background{ background-color:#45D5E6 }
```

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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