

Converting Colors

Decimal(642536)

Have a look what the booklet for
Decimal(642536) contains.

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Color

Decimal(642536)

Conversions

Conversions Part 1

Format	Color
Hex	09CDE8
RGB	9, 205, 232
RGB Percent	4%, 80%, 91%
CMY	0.9647, 0.1961, 0.0902
CMYK	0.96, 0.12, 0.00, 0.09
HSL	187°, 93%, 47%
HSV	187°, 96%, 91%
XYZ	36.5095, 49.5469, 83.9832
YIQ	149.4740, -125.4830, -33.1550

Conversions

Conversions Part 2

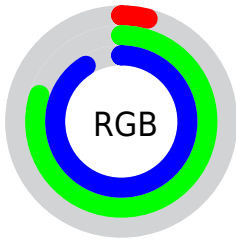
Format	Color
R_{YB}	9, 113, 232
Decimal	642536
CIE Lab	75.79, -32.19, -25.16
CIE LCh	76, 40.852, 218.013
Yxy	49.5469, 0.2147, 0.2914
Android (android.graphics.Color)	4278832616 (0xFF09CDE8)
YUV	149.4740, 40.6853, -123.1957
Hunter-Lab	70.3896, -30.5979, -21.4674

Details

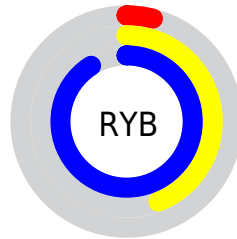
The Decimal color **642536** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **15213577**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **7405567**, and **38576** is the 20% darker color. If you saturate the color by 10%, you get **52456**, and if you desaturate by 10%, it is **2150632**.

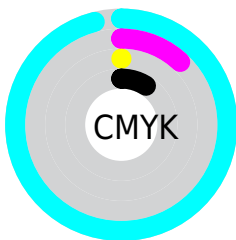
Distribution



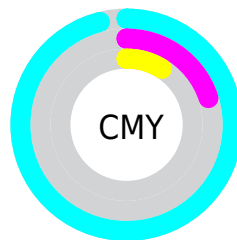
- Red (4%)
- Green (80%)
- Blue (91%)



- Red (4%)
- Yellow (44%)
- Blue (91%)



- Cyan (96%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)

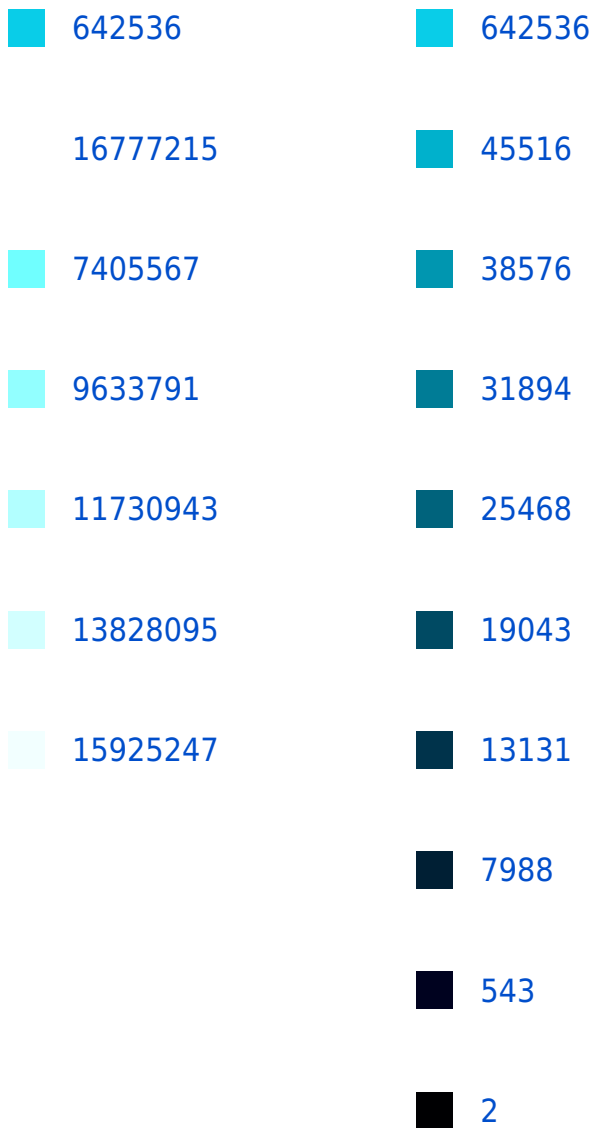


- Cyan (96%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 642536 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 642536 by changing the saturation by 10% instead.



■ 642536

■ 642536

■ 52456

■ 2150632

■ 3658728

■ 5232104

■ 6740200

■ 8248296

■ 9756392

■ 11264488

■ 12837864

■ 14345960

Harmonies

Analogous

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



3919812



642536



5359359

Triad

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



642536



15901144



13286511

Complementary

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



642536



15213577

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.



15445877



642536



16752050

Square

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



642536



13413878



16753550



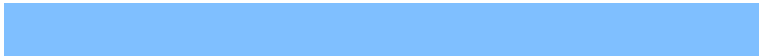
10602110

Rectangle

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



642536



8372223



16753550



14071919

Sweetspot

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



642536



11925247



649251



5470848



0



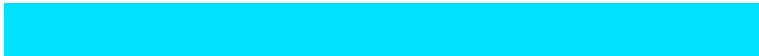
8421504

Same Dimension

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



642536



57599



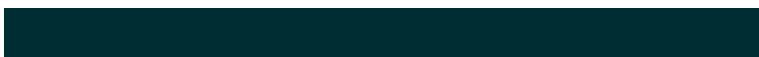
614120



6779251



40371



11571

Inverse Universe

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



15206861



16711904



15241993



7563121



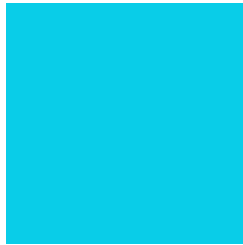
11731101



3342381

Previews

White Background



This preview shows how the Decimal color 642536 looks on a white background.

Color Contrast Check

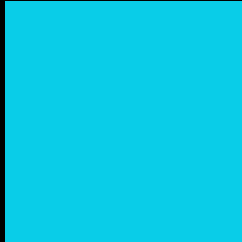
Large Text (above 18pt) WCAG AA × Fail

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 642536 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 642536 Background



This preview shows how black text looks on a background with the Decimal color 642536.



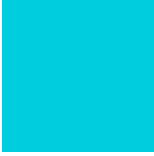
This preview shows how white text looks on a background with the Decimal color 642536.

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



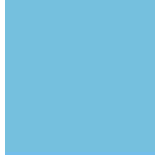


Tritanopia
52959

Trichromacy



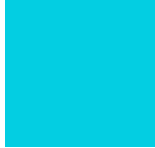
Original Color
642536



Protanomaly
7717086



Deuteranomaly
7585515



Tritanomaly
249570

Monochromacy



Original Color
642536



Achromatopsia
9803157



Achromatomaly
6465971

CSS Examples

Text

The CSS property to change the color of the text to Decimal 642536 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 #09CDE8 looks like.

```
.text, #text, p{  
    color:#09CDE8  
}
```

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 #09CDE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09CDE8
}
```

Border

The CSS property to change the border of an element to Decimal 642536 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
#09CDE8 }
```

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

```
.border{ border-color:#09CDE8 }
```

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

Here you see how a box with a 4 pixel #09CDE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09CDE8; -webkit-box-shadow:4px 4px  
4px 4px #09CDE8; box-shadow:4px 4px 4px  
4px #09CDE8 }
```

Background

The CSS property to change the background color of an element to Decimal 642536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09CDE8 }
```

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

```
.background{ background-color:#09CDE8 }
```

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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