

Converting Colors

Decimal(642550)

Have a look what the booklet for
Decimal(642550) contains.

Decimal(642550)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(642550)

Conversions

Conversions Part 1

Format	Color
Hex	09CDF6
RGB	9, 205, 246
RGB Percent	4%, 80%, 96%
CMY	0.9647, 0.1961, 0.0353
CMYK	0.96, 0.17, 0.00, 0.04
HSL	190°, 93%, 50%
HSV	190°, 96%, 96%
XYZ	38.5785, 50.3745, 94.8787
YIQ	151.0700, -129.9770, -28.8010

Conversions

Conversions Part 2

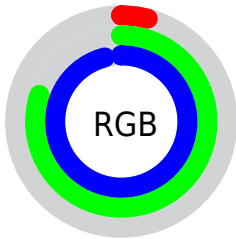
Format	Color
R _Y B	9, 116, 246
Decimal	642550
CIE Lab	76.30, -27.64, -31.89
CIE LCh	76, 42.202, 229.090
Yxy	50.3745, 0.2099, 0.2740
Android (android.graphics.Color)	4278832630 (0xFF09CDF6)
YUV	151.0700, 46.8005, -124.5954
Hunter-Lab	70.9750, -27.1825, -29.5758

Details

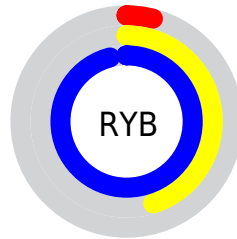
The Decimal color **642550** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **16134665**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **7536639**, and **38590** is the 20% darker color. If you saturate the color by 10%, you get **52214**, and if you desaturate by 10%, it is **2281974**.

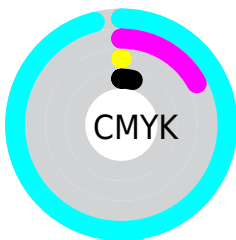
Distribution



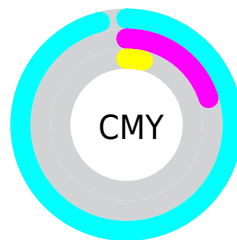
- Red (4%)
- Green (80%)
- Blue (96%)



- Red (4%)
- Yellow (45%)
- Blue (96%)



- Cyan (96%)
- Magenta (17%)
- Yellow (0%)
- Black (4%)




















- Cyan (96%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 642550 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 642550 by changing the saturation by 10% instead.

 642550	 642550
 16777215	 45529
 7536639	 38590
 9830399	 31906
 11927551	 25480
 14024703	 19310
 16121855	 13398
	 8510
	 808
	 274

■ 642550

■ 642550

■ 52214

■ 2281974

■ 3856118

■ 5495542

■ 7069430

■ 8708854

■ 10348534

■ 11922422

■ 13561846

■ 15135734

Harmonies

Analogous

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



1036756



642550



6866175

Triad

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



642550



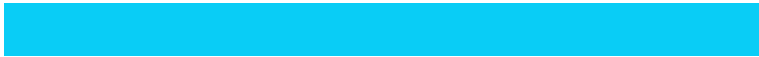
16752588



12436081

Complementary

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



642550



16134665

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.



14857583



642550



16752549

Square

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



642550



14658032



16623747



9489288

Rectangle

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



642550



9878783



16623747



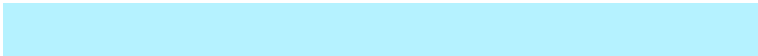
13287022

Sweetspot

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



642550



11924223



652848



5470336



0



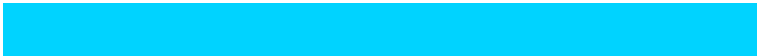
8421504

Same Dimension

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



642550



54271



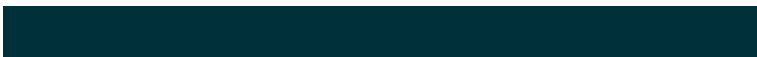
612598



7239802



39610



12603

Inverse Universe

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



16124365



16711891



16164617



8023672



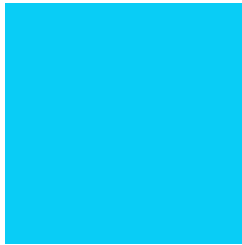
12189850



3866673

Previews

White Background



This preview shows how the Decimal color 642550 looks on a white background.

Color Contrast Check

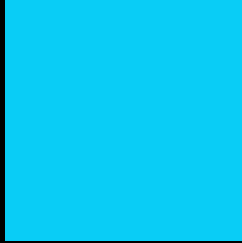
Large Text (above 18pt) WCAG AA × Fail

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 642550 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 642550 Background



This preview shows how black text looks on a background with the Decimal color 642550.

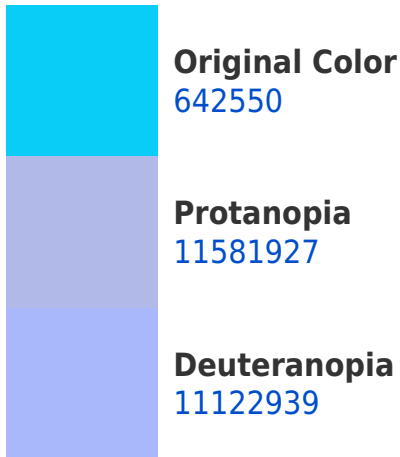


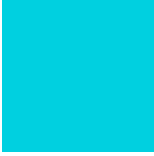
This preview shows how white text looks on a background with the Decimal color 642550.

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
53472

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 642550 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 #09CDF6 looks like.

```
.text, #text, p{  
    color:#09CDF6  
}
```

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 #09CDF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09CDF6
}
```

Border

The CSS property to change the border of an element to Decimal 642550 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
#09CDF6 }
```

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

```
.border{ border-color:#09CDF6 }
```

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

Here you see how a box with a 4 pixel #09CDF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09CDF6; -webkit-box-shadow:4px 4px  
4px 4px #09CDF6; box-shadow:4px 4px 4px  
4px #09CDF6 }
```

Background

The CSS property to change the background color of an element to Decimal 642550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09CDF6 }
```

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

```
.background{ background-color:#09CDF6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor