

Converting Colors

Decimal(646655)

Have a look what the booklet for
Decimal(646655) contains.

Decimal(646655)	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(646655)

Conversions

Conversions Part 1

Format	Color
Hex	09DDFF
RGB	9, 221, 255
RGB Percent	4%, 87%, 100%
CMY	0.9647, 0.1333, 0.0000
CMYK	0.96, 0.13, 0.00, 0.00
HSL	188°, 100%, 52%
HSV	188°, 96%, 100%
XYZ	44.0191, 58.9910, 103.6741
YIQ	161.4880, -137.2660, -34.3700

Conversions

Conversions Part 2

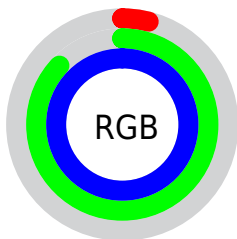
Format	Color
RYB	9, 123, 255
Decimal	646655
CIELab	81.29, -32.49, -29.02
CIELCh	81, 43.568, 221.771
Yxy	58.9910, 0.2130, 0.2854
Android (android.graphics.Color)	4278836735 (0xFF09DDFF)
YUV	161.4880, 46.1014, -133.7320
Hunter-Lab	76.8056, -32.1072, -26.2672

Details

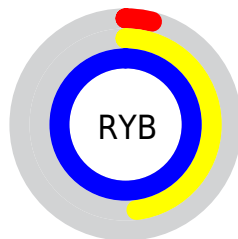
The Decimal color **646655** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **16722697**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **7798783**, and **42438** is the 20% darker color. If you saturate the color by 10%, you get **56575**, and if you desaturate by 10%, it is **2286079**.

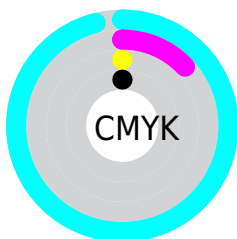
Distribution



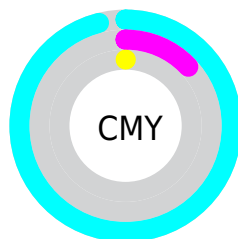
- Red (4%)
- Green (87%)
- Blue (100%)



- Red (4%)
- Yellow (48%)
- Blue (100%)



- Cyan (96%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)




















- Cyan (96%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 646655 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 646655 by changing the saturation by 10% instead.

 646655	 646655
 16777215	 49634
 7798783	 42438
 10092543	 35755
 12255231	 29072
 14352383	 22646
 16449535	 16478
	 10822
	 3120
	 282

■ 646655

■ 646655

■ 56575

■ 2286079

■ 3990783

■ 5695743

■ 7334911

■ 9039871

■ 10679039

■ 12383999

■ 14023167

■ 15728127

Harmonies

Analogous

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



3596505



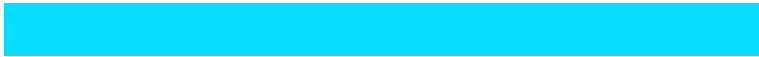
646655



6346239

Triad

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



646655



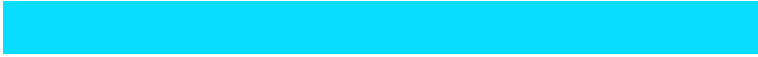
16756196



14011769

Complementary

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



646655



16722697

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.



16433021



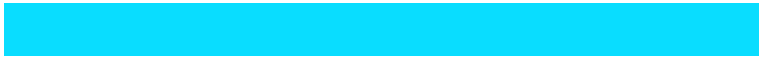
646655



16755387

Square

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



646655



14924287



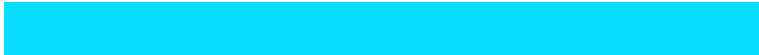
16757141



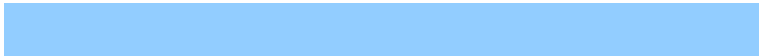
11065228

Rectangle

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



646655



9620991



16757141



14862455

Sweetspot

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



646655



11924991



655146



5470592



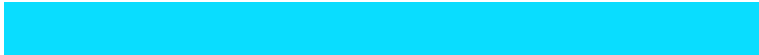
0



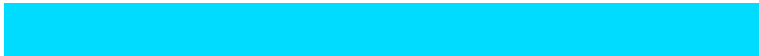
8421504

Same Dimension

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



646655



56575



615423



7569024



42431



14144

Inverse Universe

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



16714205



16711900



16753929



8418174



12517541



4194359

Previews

White Background



This preview shows how the Decimal color 646655 looks on a white background.

Color Contrast Check

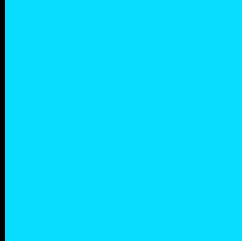
Large Text (above 18pt) WCAG AA × Fail

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 646655 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 646655 Background



This preview shows how black text looks on a background with the Decimal color 646655.

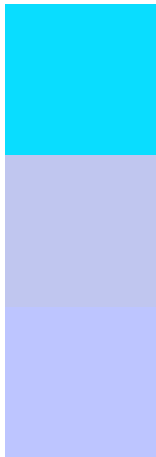


This preview shows how white text looks on a background with the Decimal color 646655.

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](#).

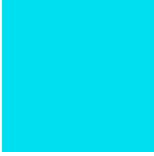
Dichromacy



Original Color
646655

Protanopia
12633839

Deuteranopia
12436991



Tritanopia
57328

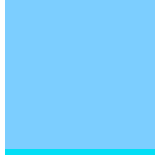
Trichromacy



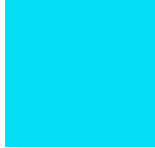
Original Color
646655



Protanomaly
8244981



Deuteranomaly
8179455



Tritanomaly
253685

Monochromacy



Original Color
646655



Achromatopsia
10592673



Achromatomaly
6993859

CSS Examples

Text

The CSS property to change the color of the text to Decimal 646655 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 #09DDFF looks like.

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

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 #09DDFF colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 646655 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 #09DDFF } }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 646655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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