

Converting Colors

Decimal(649950)

Have a look what the booklet for
Decimal(649950) contains.

Decimal(649950)	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(649950)

Conversions

Conversions Part 1

Format	Color
Hex	09EADE
RGB	9, 234, 222
RGB Percent	4%, 92%, 87%
CMY	0.9647, 0.0824, 0.1294
CMYK	0.96, 0.00, 0.05, 0.08
HSL	177°, 93%, 48%
HSV	177°, 96%, 92%
XYZ	42.7203, 64.1776, 79.2432
YIQ	165.3570, -130.2480, -51.4320

Conversions

Conversions Part 2

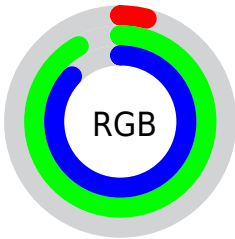
Format	Color
RYB	9, 125, 234
Decimal	649950
CIELab	84.06, -48.28, -7.39
CIELCh	84, 48.844, 188.697
Yxy	64.1776, 0.2295, 0.3448
Android (android.graphics.Color)	4278840030 (0xFF09EADE)
YUV	165.3570, 27.9250, -137.1251
Hunter-Lab	80.1109, -45.0065, -2.5701

Details

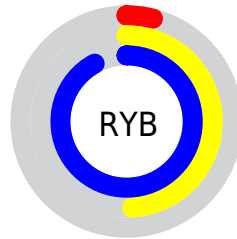
The Decimal color **649950** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **15337749**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **7602175**, and **45479** is the 20% darker color. If you saturate the color by 10%, you get **60126**, and if you desaturate by 10%, it is **2157279**.

Distribution



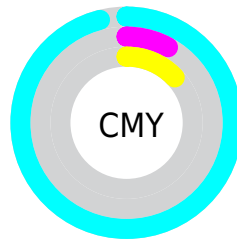
- Red (4%)
- Green (92%)
- Blue (87%)



- Red (4%)
- Yellow (49%)
- Blue (92%)



- Cyan (96%)
- Magenta (0%)
- Yellow (5%)
- Black (8%)

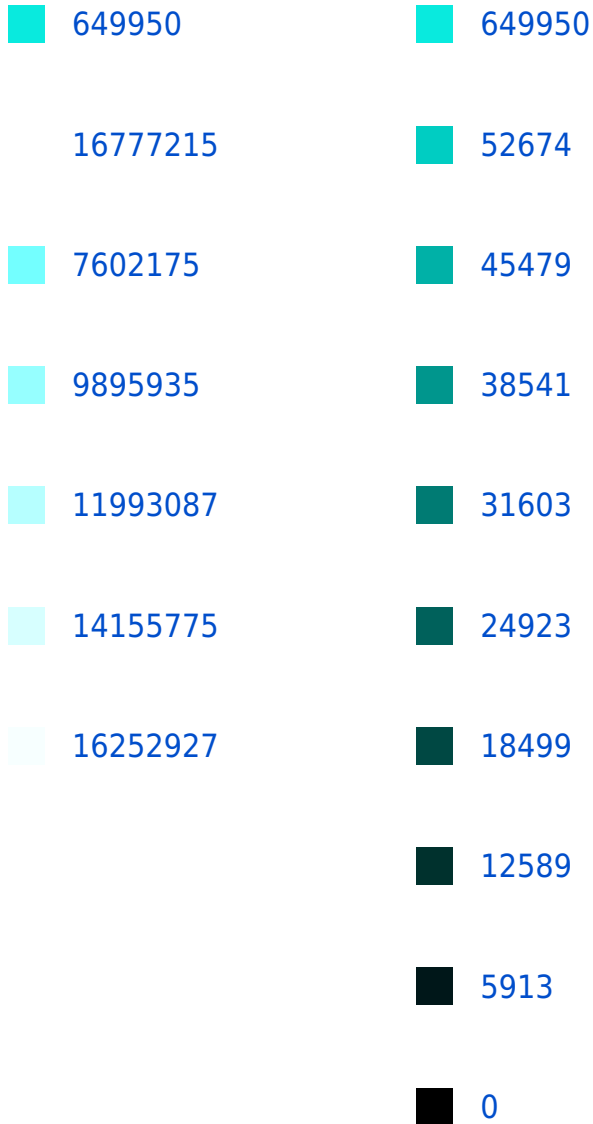


- Cyan (96%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 649950 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 649950 by changing the saturation by 10% instead.



■ 649950

■ 649950

■ 60126

■ 2157279

■ 3730144

■ 5237474

■ 6810339

■ 8317668

■ 9824997

■ 11397863

■ 12905192

■ 14478057

Harmonies

Analogous

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



7727023



649950



59647

Triad

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



649950



15254015



16761724

Complementary

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



649950



15337749

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.



16757914



649950



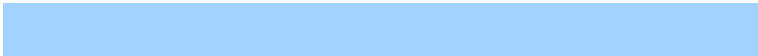
16757492

Square

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



649950



10670847



16756166



14865269

Rectangle

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



649950



58367



16756166



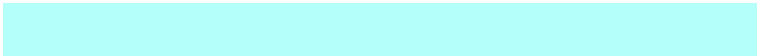
16760452

Sweetspot

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



649950



11927547



1632777



5472381



0



8421504

Same Dimension

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



649950



65521



625130



6976885



46507



13875

Inverse Universe

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



15337749



16711694



15362825



7694954



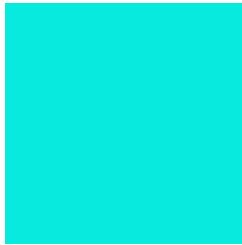
11862026



3538947

Previews

White Background



This preview shows how the Decimal color 649950 looks on a white background.

Color Contrast Check

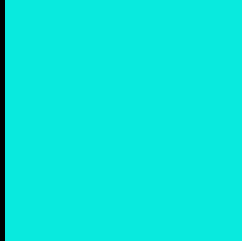
Large Text (above 18pt) WCAG AA × Fail

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 649950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

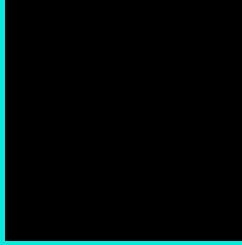
Any Text WCAG AA ✓ Pass

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 649950 Background



This preview shows how black text looks on a background with the Decimal color 649950.



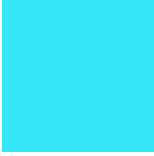
This preview shows how white text looks on a background with the Decimal color 649950.

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
3532537

Trichromacy



Original Color

649950



Protanomaly

9099732



Deuteranomaly

9361122



Tritanomaly

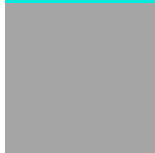
2484207

Monochromacy



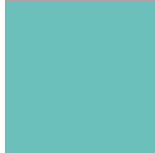
Original Color

649950



Achromatopsia

10855845



Achromatomaly

7126714

CSS Examples

Text

The CSS property to change the color of the text to Decimal 649950 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 #09EADE looks like.

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

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 #09EADE colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 649950 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
#09EADE }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 649950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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