

Converting Colors

Decimal(455401)

Have a look what the booklet for
Decimal(455401) contains.

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Color

Decimal(455401)

Conversions

Conversions Part 1

Format	Color
Hex	06F2E9
RGB	6, 242, 233
RGB Percent	2%, 95%, 91%
CMY	0.9765, 0.0510, 0.0863
CMYK	0.98, 0.00, 0.04, 0.05
HSL	178°, 95%, 49%
HSV	178°, 98%, 95%
XYZ	46.5352, 69.4262, 88.0387
YIQ	170.4100, -137.7670, -52.8310

Conversions

Conversions Part 2

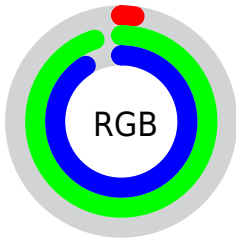
Format	Color
RYB	6, 126, 242
Decimal	455401
CIELab	86.71, -48.66, -9.23
CIELCh	87, 49.523, 190.741
Yxy	69.4262, 0.2281, 0.3403
Android (android.graphics.Color)	4278645481 (0xFF06F2E9)
YUV	170.4100, 30.8569, -144.1876
Hunter-Lab	83.3224, -46.1226, -4.3204




Details

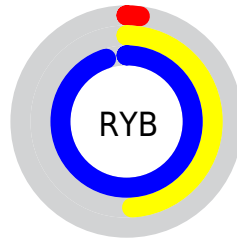
The Decimal color **455401** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **15861263**, and the grayscale version is **11184810**.




A 20% lighter version of the original color is **7733247**, and **47537** is the 20% darker color. If you saturate the color by 10%, you get **62185**, and if you desaturate by 10%, it is **2028266**.

Distribution







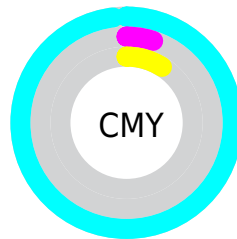
-  Red (2%)
-  Green (95%)
-  Blue (91%)






-  Red (2%)
-  Yellow (49%)
-  Blue (95%)



-  Cyan (98%)
-  Magenta (0%)
-  Yellow (4%)
-  Black (5%)



















-  Cyan (98%)
-  Magenta (5%)
-  Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 455401 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 455401 by changing the saturation by 10% instead.

 455401	 455401
 16777215	 54733
 7733247	 47537
 10027007	 40343
 12189695	 33661
 14352383	 26724
 16449535	 20300
	 14134
	 8224
	 9

■ 455401

■ 455401

■ 62185

■ 2028266

■ 3601131

■ 5239532

■ 6812397

■ 8385262

■ 9958127

■ 11530991

■ 13169392

■ 14742257

Harmonies

Analogous

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



7794873



455401



61439

Triad

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



455401



16041983



16764033

Complementary

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



455401



15861263

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.



16759966



455401



16759033

Square

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



455401



11524351



16757962



15195259

Rectangle

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



455401



2091775



16757962



16762504

Sweetspot

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



455401



11927548



1241606



5472382



0



8421504

Same Dimension

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



455401



65525



428274



7108727



47281



14390

Inverse Universe

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



15861263



16711690



15888390



7892076



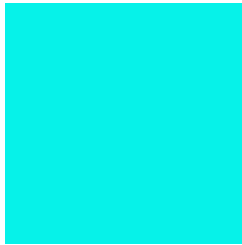
12058631



3670018

Previews

White Background



This preview shows how the Decimal color 455401 looks on a white background.

Color Contrast Check

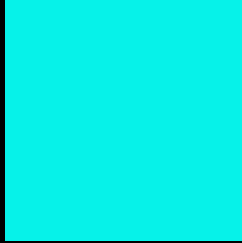
Large Text (above 18pt) WCAG AA × Fail

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 455401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

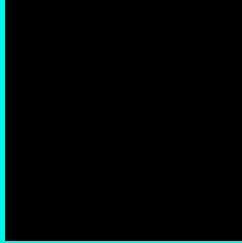
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

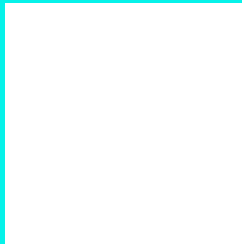
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 455401 Background



This preview shows how black text looks on a background with the Decimal color 455401.



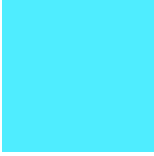
This preview shows how white text looks on a background with the Decimal color 455401.

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



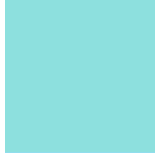


Tritanopia
5238271

Trichromacy



Original Color
455401



Protanomaly
9298142



Deuteranomaly
9559533

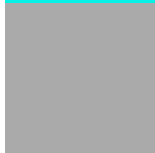


Tritanomaly
3469303

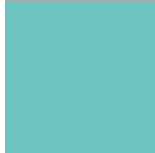
Monochromacy



Original Color
455401



Achromatopsia
11184810



Achromatomaly
7259329

CSS Examples

Text

The CSS property to change the color of the text to Decimal 455401 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 #06F2E9 looks like.

```
.text, #text, p{  
  color:#06F2E9  
}
```

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 #06F2E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06F2E9
}
```

Border

The CSS property to change the border of an element to Decimal 455401 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
#06F2E9 }
```

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

```
.border{ border-color:#06F2E9 }
```

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

Here you see how a box with a 4 pixel #06F2E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06F2E9; -webkit-box-shadow:4px 4px  
4px 4px #06F2E9; box-shadow:4px 4px 4px  
4px #06F2E9 }
```

Background

The CSS property to change the background color of an element to Decimal 455401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06F2E9 }
```

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

```
.background{ background-color:#06F2E9 }
```

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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