

Converting Colors

Decimal(63191)

Have a look what the booklet for
Decimal(63191) contains.

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Color

Decimal(63191)

Conversions

Conversions Part 1

Format	Color
Hex	00F6D7
RGB	0, 246, 215
RGB Percent	0%, 96%, 84%
CMY	1.0000, 0.0353, 0.1569
CMYK	1.00, 0.00, 0.13, 0.04
HSL	172°, 100%, 48%
HSV	172°, 100%, 96%
XYZ	45.2215, 70.8178, 75.5758
YIQ	168.9120, -136.6650, -61.7930

Conversions

Conversions Part 2

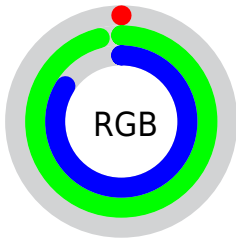
Format	Color
RYB	0, 131, 246
Decimal	63191
CIELab	87.40, -55.34, 1.19
CIELCh	87, 55.351, 178.769
Yxy	70.8178, 0.2360, 0.3696
Android (android.graphics.Color)	4278253271 (0xFF00F6D7)
YUV	168.9120, 22.7214, -148.1358
Hunter-Lab	84.1533, -51.3477, 5.6606

Details

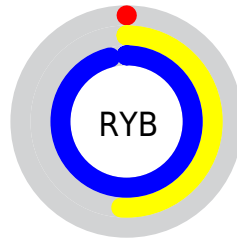
The Decimal color **63191** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **16121887**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **7667711**, and **48544** is the 20% darker color. If you saturate the color by 10%, you get **63191**, and if you desaturate by 10%, it is **1701594**.

Distribution



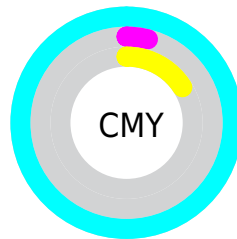
- Red (0%)
- Green (96%)
- Blue (84%)



- Red (0%)
- Yellow (51%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)



- Cyan (100%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 63191 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 63191 by changing the saturation by 10% instead.



 63191

 1701594

 3274461

 4912864

 6485731

 8124135

 9762538

 11335405

 12973808

 14546675

Harmonies

Analogous

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



8909218



63191



62975

Triad

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



63191



14470911



16761986

Complementary

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



63191



16121887

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.



16757931



63191



16759807

Square

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



63191



8315391



16756959



16635760

Rectangle

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



63191



61951



16756959



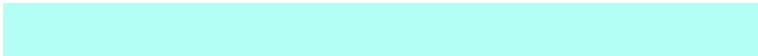
16760462

Sweetspot

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



63191



11796469



2225664



5406842



0



8421504

Same Dimension

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



63191



65503



40182



7240313



47779



15155

Inverse Universe

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



16121887



16711712



16144896



8023664



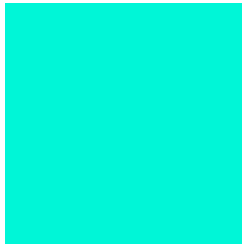
12189719



3866631

Previews

White Background



This preview shows how the Decimal color 63191 looks on a white background.

Color Contrast Check

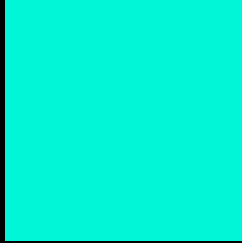
Large Text (above 18pt) WCAG AA × Fail

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 63191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

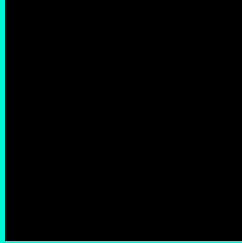
Any Text WCAG AA ✓ Pass

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 63191 Background



This preview shows how black text looks on a background with the Decimal color 63191.



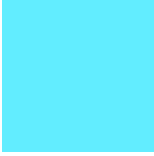
This preview shows how white text looks on a background with the Decimal color 63191.

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](#).

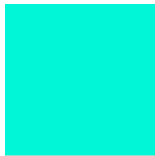
Dichromacy



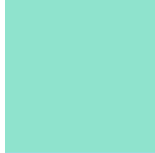


Tritanopia
6483455

Trichromacy



Original Color
63191



Protanomaly
9429965



Deuteranomaly
9887708

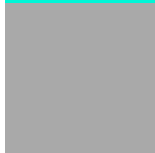


Tritanomaly
4124912

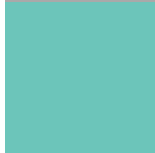
Monochromacy



Original Color
63191



Achromatopsia
11119017



Achromatomaly
7128506

CSS Examples

Text

The CSS property to change the color of the text to Decimal 63191 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 #00F6D7 looks like.

```
.text, #text, p{  
    color:#00F6D7  
}
```

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 #00F6D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F6D7
}
```

Border

The CSS property to change the border of an element to Decimal 63191 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
#00F6D7 }
```

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

```
.border{ border-color:#00F6D7 }
```

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

Here you see how a box with a 4 pixel #00F6D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F6D7; -webkit-box-shadow:4px 4px  
4px 4px #00F6D7; box-shadow:4px 4px 4px  
4px #00F6D7 }
```

Background

The CSS property to change the background color of an element to Decimal 63191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F6D7 }
```

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

```
.background{ background-color:#00F6D7 }
```

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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