

Converting Colors

Decimal(63487)

Have a look what the booklet for
Decimal(63487) contains.

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Color

Decimal(63487)

Conversions

Conversions Part 1

Format	Color
Hex	00F7FF
RGB	0, 247, 255
RGB Percent	0%, 97%, 100%
CMY	1.0000, 0.0314, 0.0000
CMYK	1.00, 0.03, 0.00, 0.00
HSL	182°, 100%, 50%
HSV	182°, 100%, 100%
XYZ	51.3108, 73.7415, 106.1369
YIQ	174.0590, -149.7800, -49.8760

Conversions

Conversions Part 2

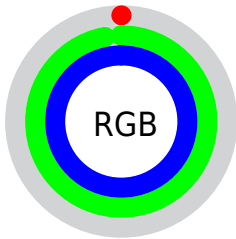
Format	Color
RYB	0, 125, 255
Decimal	63487
CIELab	88.80, -44.60, -17.61
CIELCh	89, 47.953, 201.551
Yxy	73.7415, 0.2219, 0.3190
Android (android.graphics.Color)	4278253567 (0xFF00F7FF)
YUV	174.0590, 39.9039, -152.6497
Hunter-Lab	85.8729, -43.6202, -13.1701

Details

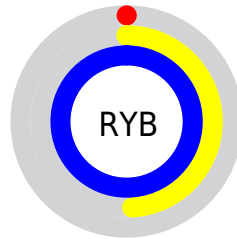
The Decimal color **63487** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **16713728**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **7929855**, and **48838** is the 20% darker color. If you saturate the color by 10%, you get **63487**, and if you desaturate by 10%, it is **1702143**.

Distribution



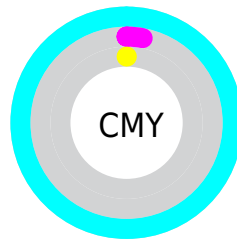
- Red (0%)
- Green (97%)
- Blue (100%)



- Red (0%)
- Yellow (49%)
- Blue (100%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 63487 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 63487 by changing the saturation by 10% instead.



 63487

 1702143

 3406335

 5110271


 6748927

 8453119

 10091775

 11795967

 13434367

 15138559

Harmonies

Analogous

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



6879184



63487



1897215

Triad

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



63487



16762879



16767108

Complementary

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



63487



16713728

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.



16763033



63487



16760046

Square

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



63487



13752575



16760256



14411400

Rectangle

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



63487



6679807



16760256



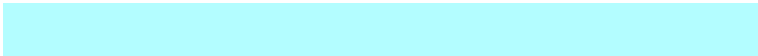
16765577

Sweetspot

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



63487



11795967



65284



5406336



0



8421504

Same Dimension

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



63487



31743



7569280



47551



15936

Inverse Universe

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



16711927



16745472



8418175



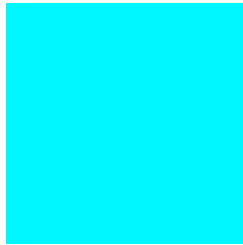
12517561



4194366

Previews

White Background



This preview shows how the Decimal color 63487 looks on a white background.

Color Contrast Check

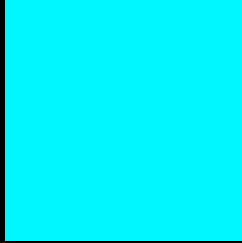
Large Text (above 18pt) WCAG AA × Fail

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 63487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

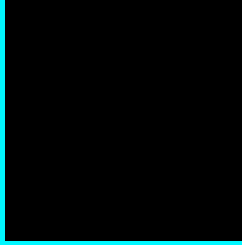
Any Text WCAG AA ✓ Pass

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 63487 Background



This preview shows how black text looks on a background with the Decimal color 63487.



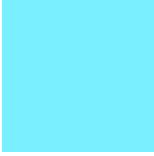
This preview shows how white text looks on a background with the Decimal color 63487.

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](#).

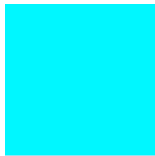
Dichromacy



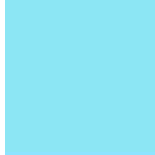


Tritanopia
7991295

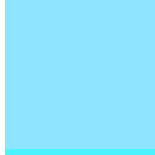
Trichromacy



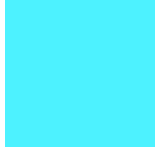
Original Color
63487



Protanomaly
9234164



Deuteranomaly
9299199

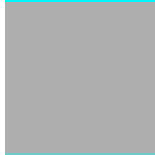


Tritanomaly
5108479

Monochromacy



Original Color
63487



Achromatopsia
11447982



Achromatomaly
7326155

CSS Examples

Text

The CSS property to change the color of the text to Decimal 63487 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 #00F7FF looks like.

```
.text, #text, p{  
  color:#00F7FF  
}
```

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 #00F7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F7FF
}
```

Border

The CSS property to change the border of an element to Decimal 63487 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
#00F7FF }
```

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

```
.border{ border-color:#00F7FF }
```

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

Here you see how a box with a 4 pixel #00F7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F7FF; -webkit-box-shadow:4px 4px  
4px 4px #00F7FF; box-shadow:4px 4px 4px  
4px #00F7FF }
```

Background

The CSS property to change the background color of an element to Decimal 63487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F7FF }
```

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

```
.background{ background-color:#00F7FF }
```

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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