

# Converting Colors

Decimal(62412)

Have a look what the booklet for  
Decimal(62412) contains.

<b>Decimal(62412)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(62412)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00F3CC
RGB	0, 243, 204
RGB Percent	0%, 95%, 80%
CMY	1.0000, 0.0471, 0.2000
CMYK	1.00, 0.00, 0.16, 0.05
HSL	170°, 100%, 48%
HSV	170°, 100%, 95%
XYZ	42.9497, 68.4608, 68.0773
YIQ	165.8970, -132.3090, -63.6450

# Conversions

## Conversions Part 2

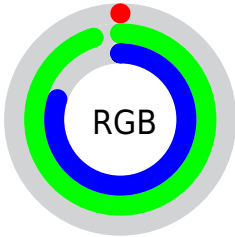
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 132, 243
Decimal	62412
CIELab	86.24, -56.99, 5.25
CIELCh	86, 57.228, 174.736
Yxy	68.4608, 0.2393, 0.3814
Android (android.graphics.Color)	4278252492 (0xFF00F3CC)
YUV	165.8970, 18.7848, -145.4917
Hunter-Lab	82.7411, -52.1401, 9.1364

# Details

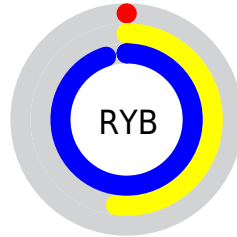
The Decimal color **62412** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **15925287**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **7536639**, and **47766** is the 20% darker color. If you saturate the color by 10%, you get **62412**, and if you desaturate by 10%, it is **1635280**.

# Distribution



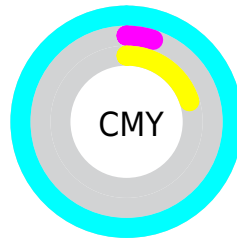
- Red (0%)
- Green (95%)
- Blue (80%)



- Red (0%)
- Yellow (52%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (5%)



- Cyan (100%)
- Magenta (5%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 62412 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 62412 by changing the saturation by 10% instead.





■ 62412

■ 1635280

■ 3273684

■ 4846552

■ 6419420

■ 7992287

■ 9630691

■ 11203559

■ 12776427

■ 14414831

# Harmonies

## Analogous

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



9104791



62412



62463

# Triad

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



62412



13487615



16760449

# Complementary

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



62412



15925287

# 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.



16756397



62412



16759295

# Square

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



62412



6414591



16755940



16765289

# Rectangle

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



62412



61695



16755940



16758926

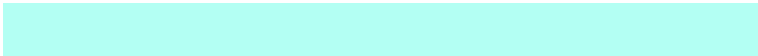


# Sweetspot

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



62412



11796467



2683648



5406840



0



8421504



# Same Dimension

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



62412



65494



41715



7240312



47772



15153



# Inverse Universe

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



15925287



16711721



15945984



8023664



12189726

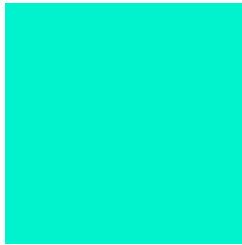


3866633



# Previews

## White Background



This preview shows how the Decimal color 62412 looks on a white background.

## Color Contrast Check

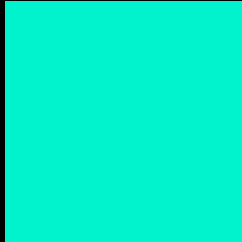
Large Text (above 18pt) WCAG AA × Fail

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 62412 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

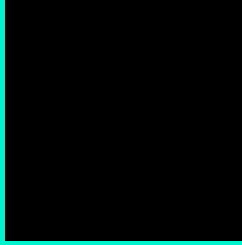
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

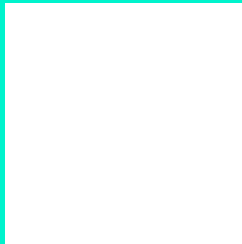
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 62412 Background



This preview shows how black text looks on a background with the Decimal color 62412.



This preview shows how white text looks on a background with the Decimal color 62412.

# 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



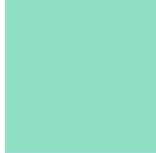


**Tritanopia**  
4648191

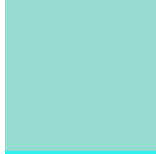
# Trichromacy



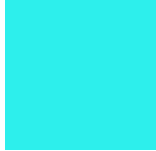
**Original Color**  
62412



**Protanomaly**  
9429186

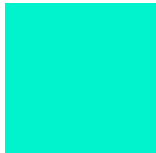


**Deuteranomaly**  
9886929

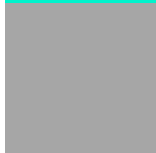


**Tritanomaly**  
3010540

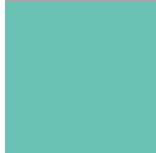
# Monochromacy



**Original Color**  
62412



**Achromatopsia**  
10921638



**Achromatomaly**  
6996660

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 62412 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 #00F3CC looks like.

```
.text, #text, p{  
    color:#00F3CC  
}
```

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 #00F3CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F3CC
}
```

## Border

The CSS property to change the border of an element to Decimal 62412 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
#00F3CC }
```

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

```
.border{ border-color:#00F3CC }
```

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

Here you see how a box with a 4 pixel #00F3CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F3CC; -webkit-box-shadow:4px 4px  
4px 4px #00F3CC; box-shadow:4px 4px 4px  
4px #00F3CC }
```

# Background

The CSS property to change the background color of an element to Decimal 62412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F3CC }
```

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

```
.background{ background-color:#00F3CC }
```

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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