

# Converting Colors

Decimal(60052)

Have a look what the booklet for  
Decimal(60052) contains.

<b>Decimal(60052)</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(60052)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00EA94
RGB	0, 234, 148
RGB Percent	0%, 92%, 58%
CMY	1.0000, 0.0824, 0.4196
CMYK	1.00, 0.00, 0.37, 0.08
HSL	158°, 100%, 46%
HSV	158°, 100%, 92%
XYZ	34.7681, 60.9838, 37.9555
YIQ	154.2300, -111.8580, -76.3540

# Conversions

## Conversions Part 2

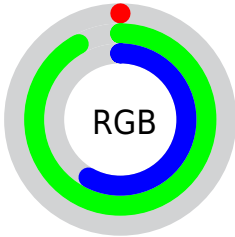
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 143, 234
Decimal	60052
CIELab	82.37, -66.42, 28.85
CIELCh	82, 72.413, 156.524
Yxy	60.9838, 0.2600, 0.4561
Android (android.graphics.Color)	4278250132 (0xFF00EA94)
YUV	154.2300, -3.0714, -135.2597
Hunter-Lab	78.0921, -57.1895, 25.8474

# Details

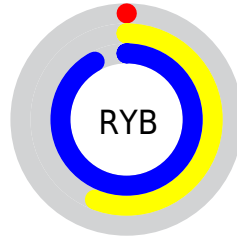
The Decimal color **60052** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **15335510**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **7274443**, and **45408** is the 20% darker color. If you saturate the color by 10%, you get **60052**, and if you desaturate by 10%, it is **1567389**.

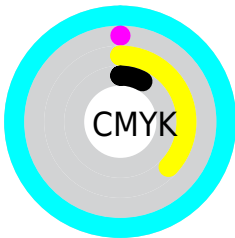
# Distribution



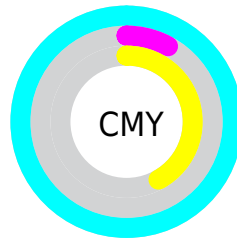
- Red (0%)
- Green (92%)
- Blue (58%)



- Red (0%)
- Yellow (56%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (8%)



- Cyan (100%)
- Magenta (8%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 60052 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 60052 by changing the saturation by 10% instead.



 60052	 60052
 16777215	 52602
 7274443	 45408
 9502695	 38216
 11599871	 31280
 13697023	 24601
 15728639	 17921
	 11776
	 3840
	 0

■ 60052

■ 1567389

■ 3140261

■ 4647598

■ 6220470

■ 7727807

■ 9235144

■ 10808016

■ 12315353

■ 13888225

# Harmonies

## Analogous

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



10281048



60052



61146

# Triad

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



60052



5755135



16751488

# Complementary

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



60052



15335510

# 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.



16748225



60052



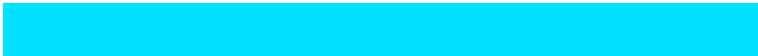
14923263

# Square

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



60052



58111



16751103



16758348

# Rectangle

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



60052



60927



16751103



16749716

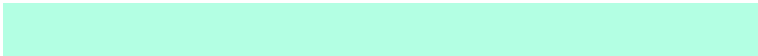


# Sweetspot

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



60052



11796451



5958144



5406831



0



8421504



# Same Dimension

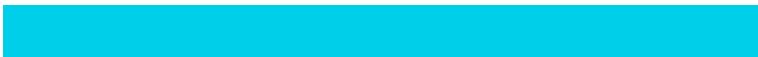
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60052



65441



53226



6976881



46451



13858



# Inverse Universe

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



15335510



16711774



15342336



7694958



11862083



3538964



# Previews

## White Background



This preview shows how the Decimal color 60052 looks on a white background.

## Color Contrast Check

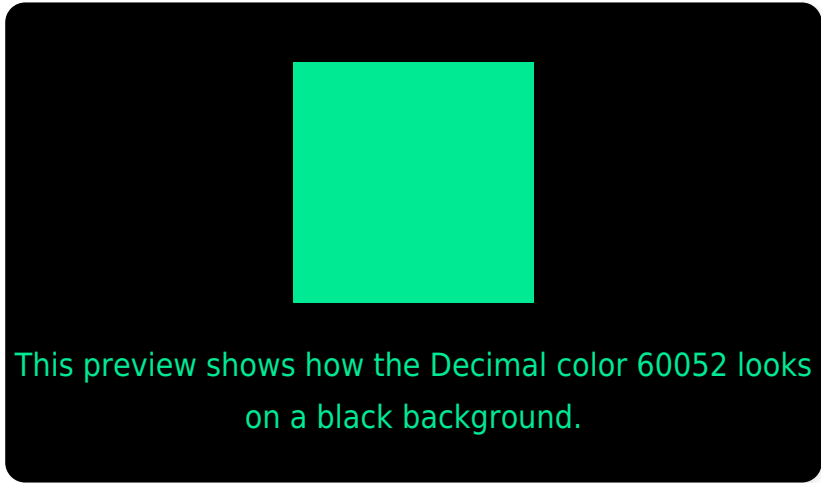
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

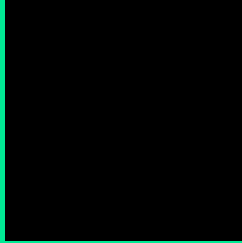
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 60052 Background



This preview shows how black text looks on a background with the Decimal color 60052.



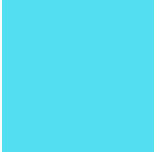
This preview shows how white text looks on a background with the Decimal color 60052.

# 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**  
5496817

# Trichromacy



**Original Color**

60052



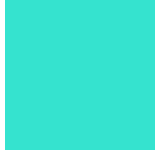
**Protanomaly**

9229964



**Deuteranomaly**

9949594



**Tritanomaly**

3531727

# Monochromacy



**Original Color**

60052



**Achromatopsia**

10132122



**Achromatomaly**

6469528

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 60052 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 #00EA94 looks like.

```
.text, #text, p{  
    color:#00EA94  
}
```

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 #00EA94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EA94
}
```

## Border

The CSS property to change the border of an element to Decimal 60052 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
#00EA94 }
```

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

```
.border{ border-color:#00EA94 }
```

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

Here you see how a box with a 4 pixel #00EA94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EA94; -webkit-box-shadow:4px 4px  
4px 4px #00EA94; box-shadow:4px 4px 4px  
4px #00EA94 }
```

# Background

The CSS property to change the background color of an element to Decimal 60052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EA94 }
```

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

```
.background{ background-color:#00EA94 }
```

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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