

Converting Colors

Hex(00E104)

Have a look what the booklet for
Hex(00E104) contains.

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Color

Hex(00E104)

Conversions

Conversions Part 1

Format	Color
Hex	00E104
RGB	0, 225, 4
RGB Percent	0%, 88%, 2%
CMY	1.0000, 0.1176, 0.9843
CMYK	1.00, 0.00, 0.98, 0.12
HSL	121°, 100%, 44%
HSV	121°, 100%, 88%
XYZ	26.9471, 53.8592, 9.0905
YIQ	132.5310, -63.1590, -116.4310

Conversions

Conversions Part 2

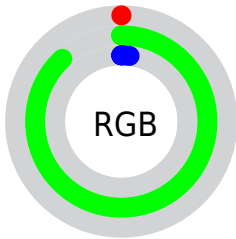
Format	Color
RYB	0, 221, 225
Decimal	57604
CIELab	78.38, -78.34, 75.31
CIELCh	78, 108.668, 136.129
Yxy	53.8592, 0.2998, 0.5991
Android (android.graphics.Color)	4278247684 (0xFF00E104)
YUV	132.5310, -63.3658, -116.2297
Hunter-Lab	73.3888, -62.8883, 44.0281

Details

The Hex color **00E104** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **E100DD**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **6FFF57**, and **00A800** is the 20% darker color. If you saturate the color by 10%, you get **00E104**, and if you desaturate by 10%, it is **16E11A**.

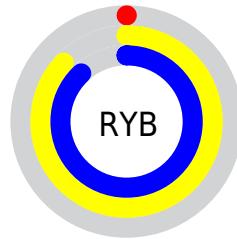
Distribution



Red (0%)

Green (88%)

Blue (2%)



Red (0%)

Yellow (87%)

Blue (88%)

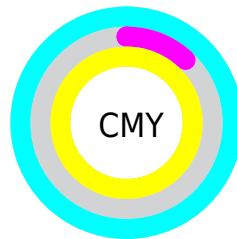


Cyan (100%)

Magenta (0%)

Yellow (98%)

Black (12%)



Cyan (100%)

Magenta (12%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E104 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 Hex color 00E104 by changing the saturation by 10% instead.

 00E104

 00E104

FFFFFF

 00C400

 6FFF57

 00A800

 92FF75

 008C00

 B2FF92

 007100

 D2FFAF

 005700

 F2FFCC

 003E00

 FFFFEA

 002400

 000000

 00E104

 16E11A

 2DE130

 44E146

 5AE15C

 71E173

 87E189

 9DE19F

 B4E1B5

 CBE1CB

Harmonies

Analogous

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



B7CE00



00E104



00EA8E

Triad

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



00E104



00DCFF



FF3891

Complementary

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



00E104



E100DD

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.



FF44F5



00E104



00BCFF

Square

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



00E104



00EAFF



FF88FF



FF782B

Rectangle

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



00E104



00EDD5



FF88FF



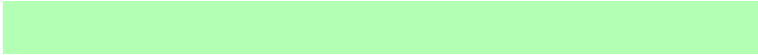
FF2BB2

Sweetspot

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



00E104



B3FFB4



DDE100



528052



000000



808080

Same Dimension

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



00E104



00FF05



00E174



657065



00B003



003001

Inverse Universe

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



E100DD



FF00FA



E1006D



706570



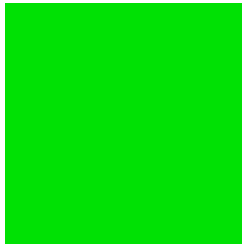
B000AD



300030

Previews

White Background



This preview shows how the Hex color 00E104 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 Hex color 00E104 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](#).

Hex 00E104 Background



This preview shows how black text looks on a background with the Hex color 00E104.



This preview shows how white text looks on a background with the Hex color 00E104.

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](#).

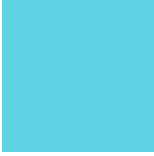
Dichromacy



Original Color
00E104

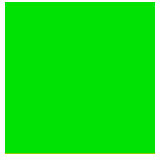
Protanopia
D9C100

Deuteranopia
F2B631



Tritanopia
5ED1E2

Trichromacy



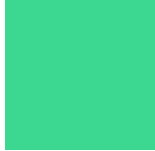
Original Color
00E104



Protanomaly
8ACD01

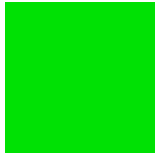


Deuteranomaly
9AC621



Tritanomaly
3CD791

Monochromacy



Original Color
00E104



Achromatopsia
858585



Achromatomaly
55A656

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E104 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 #00E104 looks like.

```
.text, #text, p{  
    color:#00E104  
}
```

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 #00E104 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E104
}
```

Border

The CSS property to change the border of an element to Hex 00E104 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".

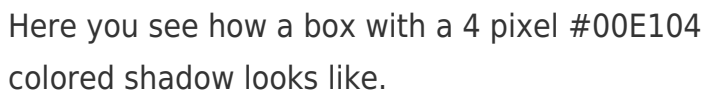
```
.border, #border, table{ border:4px solid
#00E104 }
```

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

```
.border{ border-color:#00E104 }
```

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

Here you see how a box with a 4 pixel #00E104 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4-pixel wide, 4-pixel high, green shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E104; -webkit-box-shadow:4px 4px  
4px 4px #00E104; box-shadow:4px 4px 4px  
4px #00E104 }
```

Background

The CSS property to change the background color of an element to Hex 00E104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E104 }
```

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

```
.background{ background-color:#00E104 }
```

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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