

Converting Colors

RGB(253, 7, 226)

Have a look what the booklet for
RGB(253, 7, 226) contains.

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Color

RGB(253, 7, 226)

Conversions

Conversions Part 1

Format	Color
Hex	FD07E2
RGB	253, 7, 226
RGB Percent	99%, 3%, 89%
CMY	0.0078, 0.9725, 0.1137
CMYK	0.00, 0.97, 0.11, 0.01
HSL	307°, 98%, 51%
HSV	307°, 97%, 99%
XYZ	54.3115, 26.5256, 74.2089
YIQ	105.5200, 76.3170, 120.2610

Conversions

Conversions Part 2

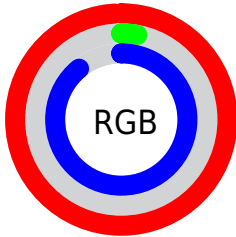
Format	Color
RYB	253, 7, 226
Decimal	16582626
CIELab	58.53, 93.65, -47.50
CIELCh	59, 105.008, 333.104
Yxy	26.5256, 0.3503, 0.1711
Android (android.graphics.Color)	4294772706 (0xFFFD07E2)
YUV	105.5200, 59.3966, 129.3400
Hunter-Lab	51.5030, 98.1033, -49.3768

Details

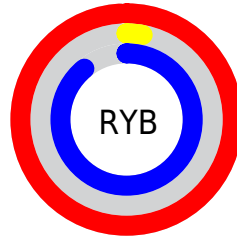
The RGB color **253, 7, 226** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **7, 253, 34**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **255, 105, 255**, and **191, 0, 170** is the 20% darker color. If you saturate the color by 10%, you get **253, 0, 225**, and if you desaturate by 10%, it is **253, 32, 229**.

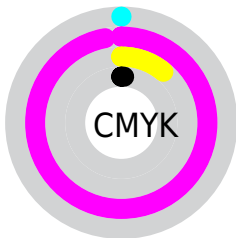
Distribution



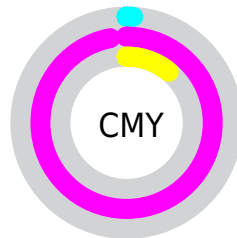
- Red (99%)
- Green (3%)
- Blue (89%)



- Red (99%)
- Yellow (3%)
- Blue (89%)



- Cyan (0%)
- Magenta (97%)
- Yellow (11%)
- Black (1%)



- Cyan (1%)
- Magenta (97%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 253, 7, 226 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 RGB color 253, 7, 226 by changing the saturation by 10% instead.



253, 7, 226



253, 7, 226

255, 255, 255



222, 0, 198



255, 105, 255



191, 0, 170



255, 137, 255



161, 0, 143



255, 169, 255



131, 0, 117



255, 200, 255



102, 0, 91



255, 231, 255



74, 0, 67



43, 0, 44



0, 0, 22



0, 0, 0

■ 253, 7, 226

■ 253, 7, 226

■ 253, 0, 225

■ 253, 32, 229

■ 253, 58, 232

■ 253, 83, 234

■ 253, 108, 237

■ 253, 134, 240

■ 253, 159, 243

■ 253, 184, 245

■ 253, 209, 248

■ 253, 235, 251

Harmonies

Analogous

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



135, 110, 255



253, 7, 226



255, 0, 136

Triad

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



253, 7, 226



163, 141, 0



0, 177, 240

Complementary

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



253, 7, 226



7, 253, 34

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.



0, 176, 148



253, 7, 226



57, 162, 0

Square

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



253, 7, 226



234, 100, 0



0, 172, 46



0, 171, 255

Rectangle

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



253, 7, 226



255, 0, 76



0, 172, 46



0, 177, 211

Sweetspot

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



253, 7, 226



255, 181, 247



32, 7, 253



128, 83, 123



0, 0, 0



128, 128, 128

Same Dimension

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



253, 7, 226



255, 0, 227



253, 7, 105



128, 115, 126



191, 0, 170



64, 0, 57

Inverse Universe

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



253, 7, 226



255, 0, 227



7, 253, 155



128, 115, 126



191, 0, 170



64, 0, 57

Previews

White Background



This preview shows how the RGB color 253, 7, 226 looks on a white background.

Color Contrast Check

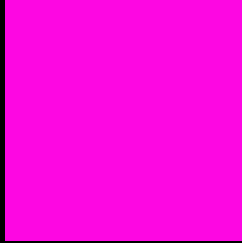
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 253, 7, 226 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 × Fail

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

RGB 253, 7, 226 Background



This preview shows how black text looks on a background with the RGB color 253, 7, 226.



This preview shows how white text looks on a background with the RGB color 253, 7, 226.

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
253, 7, 226

Protanopia
83, 138, 255

Deuteranopia
109, 141, 212



Tritanopia
241, 89, 94

Trichromacy



Original Color

253, 7, 226



Protanomaly

145, 90, 244



Deuteranomaly

161, 92, 217



Tritanomaly

245, 59, 142

Monochromacy



Original Color

253, 7, 226



Achromatopsia

106, 106, 106



Achromatomaly

159, 70, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 7, 226 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 rgb(253, 7, 226) looks like.

```
.text, #text, p{  
    color:rgb(253, 7, 226)  
}
```

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 rgb(253, 7, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 7, 226) }
```

Border

The CSS property to change the border of an element to RGB 253, 7, 226 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 rgb(253, 7, 226) }
```

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

```
.border{ border-color:rgb(253, 7, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 7, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 7, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 7, 226);  
box-shadow:4px 4px 4px 4px rgb(253, 7,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 253, 7, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 7, 226) }
```

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

```
.background{ background-color: rgb(253, 7,  
226) }
```

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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