

Converting Colors

RGB(222, 7, 220)

Have a look what the booklet for
RGB(222, 7, 220) contains.

RGB(222, 7, 220)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(222, 7, 220)

Conversions

Conversions Part 1

Format	Color
Hex	DE07DC
RGB	222, 7, 220
RGB Percent	87%, 3%, 86%
CMY	0.1294, 0.9725, 0.1373
CMYK	0.00, 0.97, 0.01, 0.13
HSL	301°, 94%, 45%
HSV	301°, 97%, 87%
XYZ	43.1184, 20.8489, 69.4618
YIQ	95.5670, 59.7670, 111.8230

Conversions

Conversions Part 2

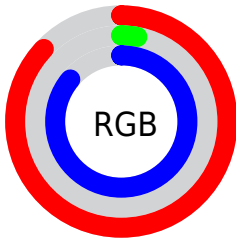
Format	Color
RYB	222, 7, 220
Decimal	14551004
CIELab	52.78, 87.71, -53.58
CIElCh	53, 102.777, 328.581
Yxy	20.8489, 0.3232, 0.1563
Android (android.graphics.Color)	4292741084 (0xFFDE07DC)
YUV	95.5670, 61.3455, 110.8817
Hunter-Lab	45.6606, 88.6562, -58.2334

Details

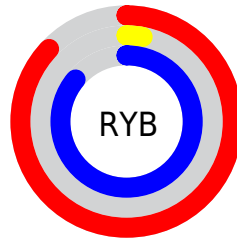
The RGB color `222, 7, 220` is a dark color, and the websafe version is hex `CC00CC`. The color can be described as middle washed magenta. A complement of this color would be `7, 222, 9`, and the grayscale version is `95, 95, 95`.

A 20% lighter version of the original color is `255, 99, 255`, and `162, 0, 164` is the 20% darker color. If you saturate the color by 10%, you get `222, 0, 220`, and if you desaturate by 10%, it is `222, 29, 220`.

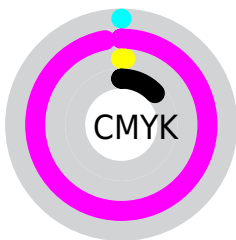
Distribution



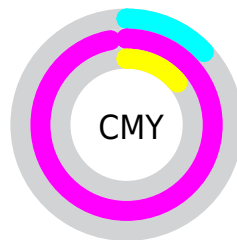
- Red (87%)
- Green (3%)
- Blue (86%)



- Red (87%)
- Yellow (3%)
- Blue (86%)



- Cyan (0%)
- Magenta (97%)
- Yellow (1%)
- Black (13%)



- Cyan (13%)
- Magenta (97%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 7, 220 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 222, 7, 220 by changing the saturation by 10% instead.



222, 7, 220



222, 7, 220

255, 255, 255



192, 0, 192



255, 99, 255



162, 0, 164



255, 130, 255



132, 0, 137



255, 161, 255



103, 0, 111



255, 191, 255



75, 0, 86



255, 222, 255



45, 0, 62



255, 252, 255



5, 0, 38



0, 1, 15



0, 0, 0

■ 222, 7, 220

■ 222, 7, 220

■ 222, 0, 220

■ 222, 29, 220

■ 222, 51, 220

■ 222, 74, 221

■ 222, 96, 221

■ 222, 118, 221

■ 222, 140, 221

■ 222, 162, 221

■ 222, 185, 222

■ 222, 207, 222

Harmonies

Analogous

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



79, 104, 255



222, 7, 220



255, 0, 134

Triad

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



222, 7, 220



157, 122, 0



0, 160, 209

Complementary

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



222, 7, 220



7, 222, 9

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, 159, 119



222, 7, 220



64, 144, 0

Square

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



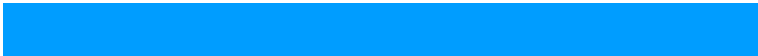
222, 7, 220



223, 77, 0



0, 155, 3



0, 157, 255

Rectangle

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



222, 7, 220



255, 0, 77



0, 155, 3



0, 160, 181

Sweetspot

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



222, 7, 220



255, 181, 254



7, 7, 222



128, 83, 127



0, 0, 0



128, 128, 128

Same Dimension

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



222, 7, 220



255, 0, 253



222, 7, 114



112, 101, 112



176, 0, 174



48, 0, 48

Inverse Universe

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



222, 7, 220



255, 0, 253



7, 222, 114



112, 101, 112



176, 0, 174



48, 0, 48

Previews

White Background



This preview shows how the RGB color 222, 7, 220 looks on a white background.

Color Contrast Check

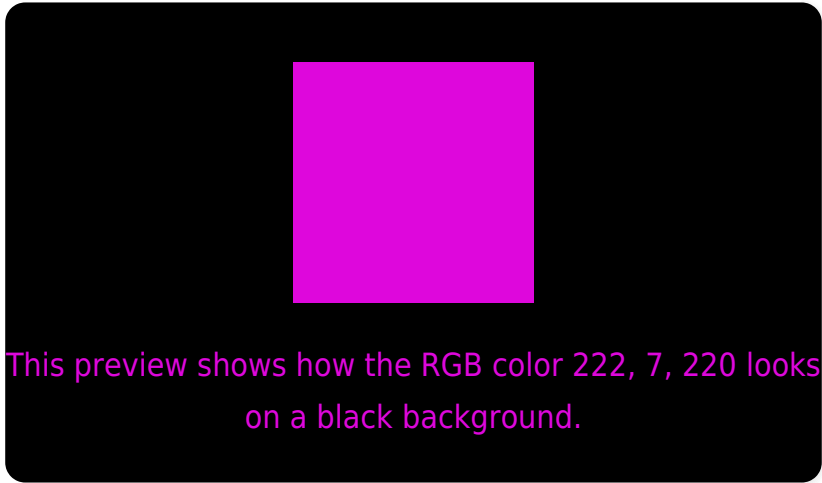
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 222, 7, 220 Background



This preview shows how black text looks on a background with the RGB color 222, 7, 220.



This preview shows how white text looks on a background with the RGB color 222, 7, 220.

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
222, 7, 220

Protanopia
32, 123, 255

Deuteranopia
78, 128, 207



Tritanopia
208, 87, 92

Trichromacy



Original Color

222, 7, 220



Protanomaly

101, 81, 242



Deuteranomaly

130, 84, 212



Tritanomaly

213, 58, 139

Monochromacy



Original Color

222, 7, 220



Achromatopsia

96, 96, 96



Achromatomaly

142, 64, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 7, 220 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(222, 7, 220)` looks like.

```
.text, #text, p{  
  color:rgb(222, 7, 220)  
}
```

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(222, 7, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 7, 220) }
```

Border

The CSS property to change the border of an element to RGB 222, 7, 220 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(222, 7, 220) }
```

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

```
.border{ border-color:rgb(222, 7, 220) }
```

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

Here you see how a box with a 4 pixel rgb(222, 7, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 7, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 7, 220);  
box-shadow:4px 4px 4px 4px rgb(222, 7,  
220) }
```

Background

The CSS property to change the background color of an element to RGB 222, 7, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 7, 220) }
```

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

```
.background{ background-color: rgb(222, 7,  
220) }
```

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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