

Converting Colors

`RYB(206, 4, 112)`

Have a look what the booklet for
RYB(206, 4, 112) contains.

RYB(206, 4, 112)	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

R_YB(206, 4, 112)

Conversions

Conversions Part 1

Format	Color
Hex	CE0470
RGB	206, 4, 112
RGB Percent	81%, 2%, 44%
CMY	0.1922, 0.9843, 0.5608
CMYK	0.00, 0.98, 0.46, 0.19
HSL	328°, 96%, 41%
HSV	328°, 98%, 81%
XYZ	28.4216, 14.3785, 16.6066
YIQ	76.7100, 85.7240, 76.4120

Conversions

Conversions Part 2

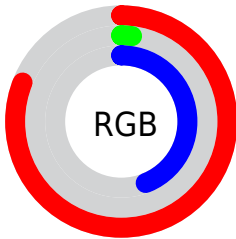
Format	Color
RYB	206, 4, 112
Decimal	13501552
CIELab	44.77, 72.41, -2.08
CIElCh	45, 72.441, 358.355
Yxy	14.3785, 0.4784, 0.2420
Android (android.graphics.Color)	4291691632 (0xFFCE0470)
YUV	76.7100, 17.3980, 113.3873
Hunter-Lab	37.9190, 67.4339, 0.5773

Details

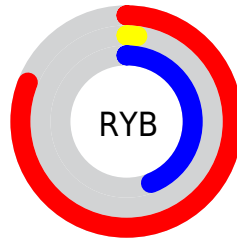
The RYB color **206, 4, 112** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **4, 142, 206**, and the grayscale version is **76, 76, 76**.

A 20% lighter version of the original color is **255, 90, 164**, and **145, 0, 65** is the 20% darker color. If you saturate the color by 10%, you get **206, 0, 110**, and if you desaturate by 10%, it is **206, 25, 122**.

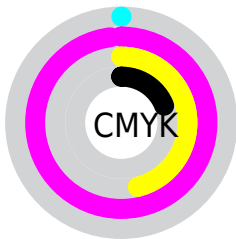
Distribution



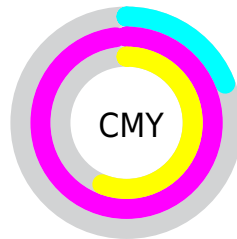
- Red (81%)
- Green (2%)
- Blue (44%)



- Red (81%)
- Yellow (2%)
- Blue (44%)



- Cyan (0%)
- Magenta (98%)
- Yellow (46%)
- Black (19%)



- Cyan (19%)
- Magenta (98%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 4, 112 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 RYB color 206, 4, 112 by changing the saturation by 10% instead.



206, 4, 112



206, 4, 112

255, 255, 255



175, 0, 88



255, 90, 164



145, 0, 65



255, 120, 191



115, 0, 43



255, 149, 218



86, 0, 23



255, 179, 247



57, 0, 2



255, 208, 255



16, 0, 0



255, 238, 255



0, 0, 0



206, 4, 112



206, 4, 112



206, 0, 110



206, 25, 122

■ 206, 45, 131

■ 206, 66, 141

■ 206, 86, 150

■ 206, 107, 160

■ 206, 128, 170

■ 206, 148, 179

■ 206, 169, 189

■ 206, 189, 198

Harmonies

Analogous

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



173, 54, 170



206, 4, 112



204, 35, 53

Triad

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



206, 4, 112



0, 119, 47



0, 79, 209

Complementary

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



206, 4, 112



4, 142, 206

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, 72, 162



206, 4, 112



0, 100, 127

Square

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



206, 4, 112



37, 132, 0



0, 74, 131



0, 76, 228

Rectangle

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



206, 4, 112



188, 90, 7



0, 74, 131



0, 78, 196

Sweetspot

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



206, 4, 112



255, 181, 221



95, 4, 206



128, 83, 107



0, 0, 0



128, 128, 128

Same Dimension

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



206, 4, 112



255, 0, 136



206, 4, 14



102, 92, 97



166, 0, 89



38, 0, 20

Inverse Universe

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



206, 4, 112



255, 0, 136



4, 108, 206



102, 92, 97



166, 0, 89



38, 0, 20

Previews

White Background



This preview shows how the RYB color 206, 4, 112 looks on a white background.

Color Contrast Check

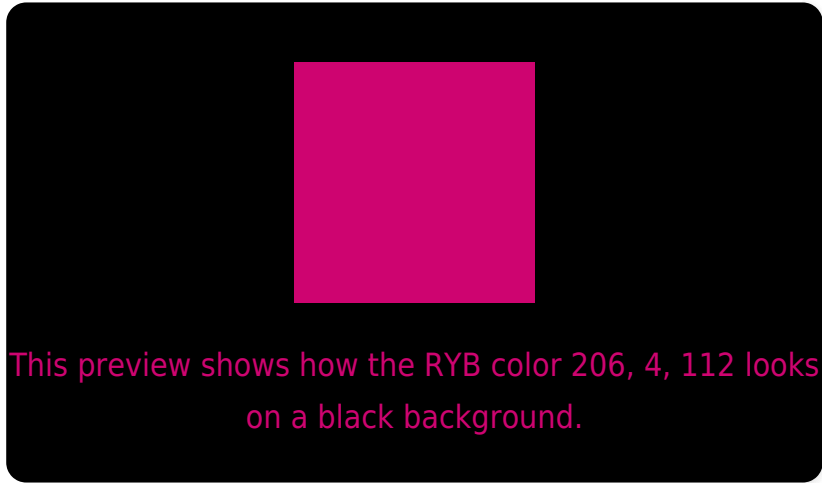
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

RYB 206, 4, 112 Background



This preview shows how black text looks on a background with the RYB color 206, 4, 112.



This preview shows how white text looks on a background with the RYB color 206, 4, 112.

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
206, 4, 112

Protanopia
89, 103, 161

Deuteranopia
120, 104, 103



Tritanopia
203, 45, 45

Trichromacy



Original Color

206, 4, 112



Protanomaly

132, 69, 143



Deuteranomaly

151, 68, 106



Tritanomaly

204, 30, 69

Monochromacy



Original Color

206, 4, 112



Achromatopsia

77, 77, 77



Achromatomaly

124, 50, 90

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 4, 112 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(206, 4, 112)` looks like.

```
.text, #text, p{  
    color:rgb(206, 4, 112)  
}
```

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(206, 4, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 4, 112) }
```

Border

The CSS property to change the border of an element to RYB 206, 4, 112 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(206, 4, 112) }
```

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

```
.border{ border-color:rgb(206, 4, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 4, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 4, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 4, 112);  
box-shadow:4px 4px 4px 4px rgb(206, 4,  
112) }
```

Background

The CSS property to change the background color of an element to RGB 206, 4, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 4, 112) }
```

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

```
.background{ background-color: rgb(206, 4,  
112) }
```

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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