

Converting Colors

`RYB(246, 220, 248)`

Have a look what the booklet for RYB(246, 220, 248) contains.

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Color

R_YB(246, 220, 248)

Conversions

Conversions Part 1

Format	Color
Hex	F6DCF8
RGB	246, 220, 248
RGB Percent	96%, 86%, 97%
CMY	0.0353, 0.1373, 0.0275
CMYK	0.01, 0.11, 0.00, 0.03
HSL	296°, 67%, 92%
HSV	296°, 11%, 97%
XYZ	80.5425, 77.5565, 99.5318
YIQ	230.9660, 6.5080, 14.2200

Conversions

Conversions Part 2

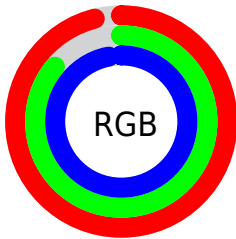
Format	Color
R _{YB}	246, 220, 248
Decimal	16178424
CIE Lab	90.58, 13.77, -10.35
CIE LCh	91, 17.222, 323.066
Yxy	77.5565, 0.3126, 0.3010
Android (android.graphics.Color)	4294368504 (0xFFFF6DCF8)
YUV	230.9660, 8.3978, 13.1848
Hunter-Lab	88.0662, 9.1345, -5.3628

Details

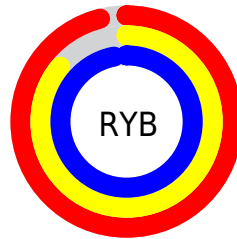
The RYB color **246, 220, 248** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **220, 248, 246**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **190, 165, 192** is the 20% darker color. If you saturate the color by 10%, you get **244, 195, 248**, and if you desaturate by 10%, it is **248, 245, 248**.

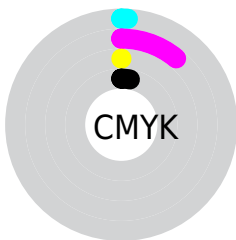
Distribution



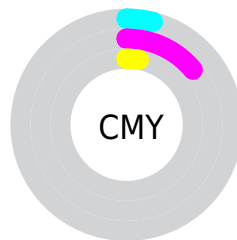
- Red (96%)
- Green (86%)
- Blue (97%)



- Red (96%)
- Yellow (86%)
- Blue (97%)



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (3%)



- Cyan (4%)
- Magenta (14%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the RYB color 246, 220, 248 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 246, 220, 248 by changing the saturation by 10% instead.


 246, 220, 248

255, 255, 255


 246, 220, 248

 217, 192, 219


 190, 165, 192

 162, 139, 164

 136, 113, 138

 111, 89, 113

 86, 65, 88


 63, 43, 65

 40, 22, 43


 22, 0, 23

 246, 220, 248


 246, 220, 248

 244, 195, 248

 248, 245, 248

 242, 170, 248

 248, 255, 253

 241, 146, 248


 248, 255, 252

 239, 121, 248

 248, 255, 250

 237, 96, 248

 248, 255, 248

 235, 71, 248

 234, 46, 248

 232, 22, 248

 230, 0, 248

Harmonies

Analogous

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



226, 225, 255



246, 220, 248



255, 217, 232

Triad

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



246, 220, 248



227, 245, 196



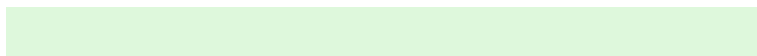
186, 212, 240

Complementary

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



246, 220, 248



220, 248, 246

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.



193, 220, 238



246, 220, 248



198, 231, 202

Square

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



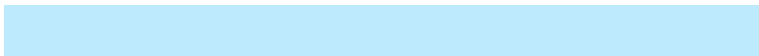
246, 220, 248



255, 229, 202



208, 235, 234



190, 216, 254

Rectangle

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



246, 220, 248



255, 217, 221



208, 235, 234



187, 213, 238

Sweetspot

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



246, 220, 248



254, 247, 255



220, 222, 248



127, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



246, 220, 248



252, 219, 255



248, 220, 236



124, 112, 125



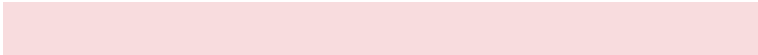
175, 0, 189



57, 0, 61

Inverse Universe

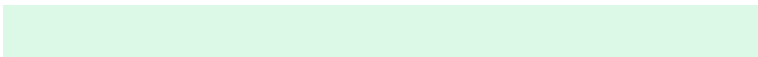
The Inverse Universe completely reimagines the original color for something new.



248, 220, 222



255, 219, 222



220, 240, 248



125, 112, 113



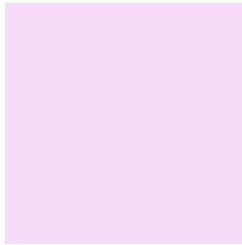
189, 0, 13



61, 0, 4

Previews

White Background



This preview shows how the RYB color 246, 220, 248 looks on a white background.

Color Contrast Check

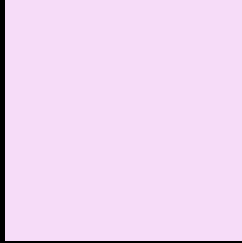
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 246, 220, 248 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](#).

RYB 246, 220, 248 Background



This preview shows how black text looks on a background with the RYB color 246, 220, 248.

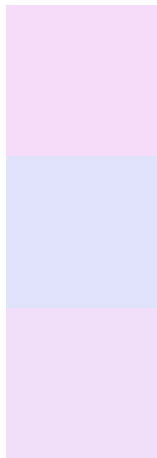


This preview shows how white text looks on a background with the RYB color 246, 220, 248.

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
246, 220, 248

Protanopia
225, 227, 252

Deuteranopia
241, 222, 248



Tritanopia

245, 222, 239

Trichromacy



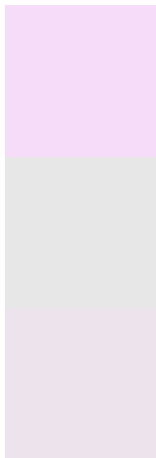
Original Color
246, 220, 248

Protanomaly
233, 224, 251

Deuteranomaly
243, 221, 248

Tritanomaly
245, 221, 242

Monochromacy



Original Color
246, 220, 248

Achromatopsia
231, 231, 231

Achromatomaly
236, 227, 237

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 220, 248 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(246, 220, 248) looks like.

```
.text, #text, p{  
    color:rgb(246, 220, 248)  
}
```

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(246, 220, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 220, 248) }
```

Border

The CSS property to change the border of an element to RYB 246, 220, 248 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(246, 220, 248) }
```

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

```
.border{ border-color:rgb(246, 220, 248) }
```

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

Here you see how a box with a 4 pixel rgb(246, 220, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 220, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 220, 248);  
box-shadow:4px 4px 4px 4px rgb(246, 220,  
248) }
```

Background

The CSS property to change the background color of an element to RYB 246, 220, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 220, 248) }
```

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

```
.background{ background-color: rgb(246,  
220, 248) }
```

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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