Converting Colors

RGB(236, 226, 240)

Have a look what the booklet for RGB(236, 226, 240) contains.

Color

RGB(236, 226, 240)

Conversions

Format	Color
Hex	ECE2F0
RGB	236, 226, 240
RGB Percent	93%, 89%, 94%
CMY	0.0745, 0.1137, 0.0588
CMYK	0.02, 0.06, 0.00, 0.06
HSL	283°, 32%, 91%
HSV	283°, 6%, 94%
XYZ	77.5166, 78.5169, 93.5078
YIQ	230.5860, 1.4660, 6.4740

Conversions Part 1

Conversions

Conversions Part 2

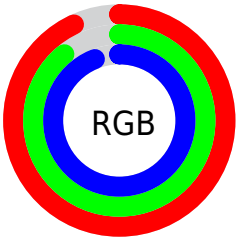
Format	Color
RYB	236, 226, 240
Decimal	15524592
CIELab	91.02, 5.88, -5.60
CIELCh	91, 8.114, 316.403
Yxy	78.5169, 0.3106, 0.3146
Android (android.graphics.Color)	4293714672 (0xFFECE2F0)
YUV	230.5860, 4.6411, 4.7481
Hunter-Lab	88.6097, 1.0864, -0.5405

Details

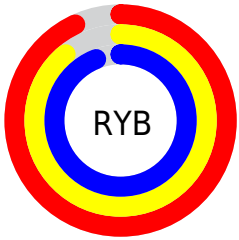
The RGB color 236, 226, 240 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 230, 240, 226, and the grayscale version is 231, 231, 231.

A 20% lighter version of the original color is 255, 255, 255, and 180, 171, 184 is the 20% darker color. If you saturate the color by 10%, you get 229, 202, 240, and if you desaturate by 10%, it is 243, 250, 240.

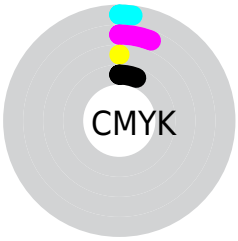
Distribution



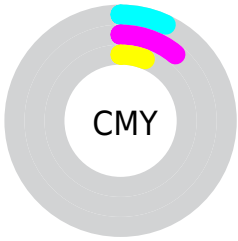
- Red (93%)
- Green (89%)
- Blue (94%)



- Red (93%)
- Yellow (89%)
- Blue (94%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)



- Cyan (7%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 236, 226, 240 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 236, 226, 240 by changing the saturation by 10% instead.

236, 226, 240

255, 255, 255

236, 226, 240

208, 198, 212

180, 171, 184

153, 144, 157

127, 119, 131

102, 94, 106

78, 70, 82

56, 48, 59

34, 27, 37

12, 0, 16

236, 226, 240

229, 202, 240

222, 178, 240

215, 154, 240

209, 130, 240

202, 106, 240

195, 82, 240

188, 58, 240

181, 34, 240

174, 10, 240

236, 226, 240

243, 250, 240

250, 255, 240

255, 255, 240

Harmonies

Analogous

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

227, 228, 244

236, 226, 240

243, 224, 233

Triad

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

236, 226, 240

240, 227, 214

211, 234, 233

Complementary

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

236, 226, 240

230, 240, 226

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.

215, 234, 225

236, 226, 240

231, 230, 214

Square

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

236, 226, 240

245, 225, 218

222, 232, 218

212, 233, 240

Rectangle

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

236, 226, 240

246, 224, 228

222, 232, 218

211, 234, 231

Sweetspot

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

236, 226, 240

254, 250, 255

226, 230, 240

127, 125, 128

0, 0, 0

128, 128, 128

Same Dimension

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

236, 226, 240

250, 237, 255

240, 226, 237

117, 110, 120

131, 0, 184

40, 0, 56

Inverse Universe

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

240, 226, 230

255, 237, 242

226, 240, 229

120, 110, 113

184, 0, 52

56, 0, 16

Previews

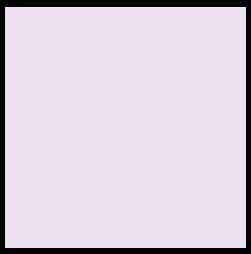
White Background

This preview shows how the RGB color 236, 226, 240 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



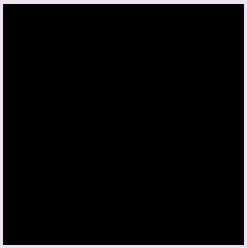
This preview shows how the RGB color 236, 226, 240 looks on a black background.

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.

RGB 236, 226, 240 Background



This preview shows how black text looks on a background with the RGB color 236, 226, 240.

This preview shows how white text looks on a background with the RGB color 236, 226, 240.

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
236, 226, 240

Protanopia
230, 228, 241

Deuteranopia
246, 222, 241

Tritanopia
236, 225, 243

Trichromacy

Original Color
236, 226, 240

Protanomaly
232, 227, 241

Deuteranomaly
242, 223, 241

Tritanomaly
236, 225, 242

Monochromacy

Original Color
236, 226, 240

Achromatopsia
231, 231, 231

Achromatomaly
233, 229, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 236, 226, 240 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(236, 226, 240) looks like.

```
.text, #text, p{
    color:rgb(236, 226, 240)
}
```

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(236, 226, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 226, 240) }
```

Border

The CSS property to change the border of an element to RGB 236, 226, 240 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(236, 226, 240) }
```

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

```
.border{ border-color:rgb(236, 226, 240) }
```

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

Here you see how a box with a 4 pixel rgb(236, 226, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 226, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 226, 240); box-shadow:4px 4px 4px 4px rgb(236, 226, 240) }
```

Background

The CSS property to change the background color of an element to RGB 236, 226, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(236, 226, 240) }
```

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

```
.background{ background-color:rgb(236,
226, 240) }
```

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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