

Converting Colors

RGB(206, 182, 226)

Have a look what the booklet for
RGB(206, 182, 226) contains.

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Color

RGB(206, 182, 226)

Conversions

Conversions Part 1

Format	Color
Hex	CEB6E2
RGB	206, 182, 226
RGB Percent	81%, 71%, 89%
CMY	0.1922, 0.2863, 0.1137
CMYK	0.09, 0.19, 0.00, 0.11
HSL	273°, 43%, 80%
HSV	273°, 19%, 89%
XYZ	55.9090, 52.0687, 79.0550
YIQ	194.1920, 0.1800, 18.7720

Conversions

Conversions Part 2

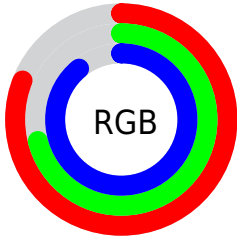
Format	Color
R _{YB}	206, 182, 226
Decimal	13547234
CIE _{Lab}	77.32, 16.69, -18.86
CIE _{LCh}	77, 25.182, 311.510
Yxy	52.0687, 0.2989, 0.2784
Android (android.graphics.Color)	4291737314 (0xFFCEB6E2)
YUV	194.1920, 15.6813, 10.3556
Hunter-Lab	72.1586, 12.0254, -14.4455

Details

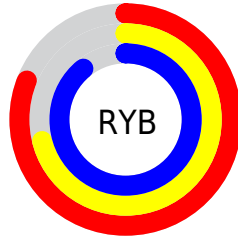
The RGB color `206, 182, 226` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `202, 226, 182`, and the grayscale version is `194, 194, 194`.

A 20% lighter version of the original color is `255, 238, 255`, and `151, 129, 171` is the 20% darker color. If you saturate the color by 10%, you get `196, 159, 226`, and if you desaturate by 10%, it is `216, 205, 226`.

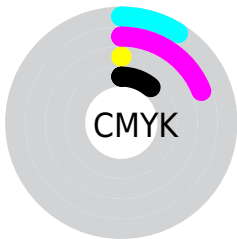
Distribution



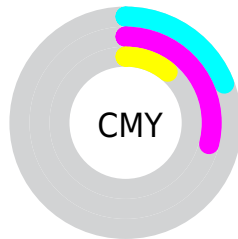
- Red (81%)
- Green (71%)
- Blue (89%)



- Red (81%)
- Yellow (71%)
- Blue (89%)



- Cyan (9%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 206, 182, 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 206, 182, 226 by changing the saturation by 10% instead.


 206, 182, 226

 206, 182, 226

255, 255, 255

 178, 155, 198

 255, 238, 255


 151, 129, 171


 125, 104, 144

 100, 80, 118

 76, 57, 94

 52, 35, 70


 30, 14, 47

 0, 0, 26

 0, 0, 0

 206, 182, 226

 206, 182, 226

 196, 159, 226

 216, 205, 226

 185, 137, 226

 227, 227, 226

 175, 114, 226

 237, 250, 226

 165, 92, 226

 247, 255, 226

 155, 69, 226

 255, 255, 226

 144, 46, 226

 134, 24, 226

 124, 1, 226

 123, 0, 226

Harmonies

Analogous

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



175, 190, 236



206, 182, 226



228, 176, 206

Triad

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



206, 182, 226



221, 185, 147



128, 204, 199

Complementary

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



206, 182, 226



202, 226, 182

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.



147, 203, 175



206, 182, 226



199, 192, 145

Square

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



206, 182, 226



236, 178, 161



173, 199, 156



126, 202, 221

Rectangle

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



206, 182, 226



237, 174, 191



173, 199, 156



133, 204, 191

Sweetspot

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



206, 182, 226



248, 240, 255



182, 203, 226



123, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



206, 182, 226



228, 196, 255



226, 182, 225



107, 101, 112



96, 0, 176



26, 0, 48

Inverse Universe

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



226, 182, 202



255, 196, 223



182, 226, 183



112, 101, 106



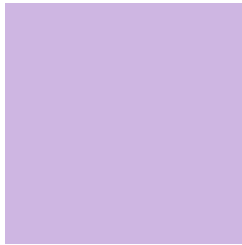
176, 0, 80



48, 0, 22

Previews

White Background



This preview shows how the RGB color 206, 182, 226 looks on a white background.

Color Contrast Check

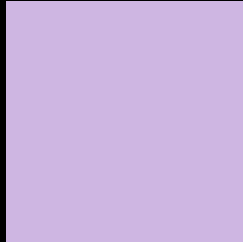
Large Text (above 18pt) WCAG AA × Fail

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 206, 182, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

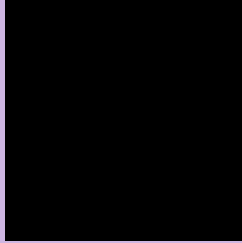
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RGB 206, 182, 226 Background



This preview shows how black text looks on a background with the RGB color 206, 182, 226.



This preview shows how white text looks on a background with the RGB color 206, 182, 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
206, 182, 226

Protanopia
182, 189, 231

Deuteranopia
193, 187, 225



Tritanopia
202, 186, 201

Trichromacy



Original Color
206, 182, 226

Protanomaly
191, 186, 229

Deuteranomaly
198, 185, 225

Tritanomaly
203, 185, 210

Monochromacy



Original Color
206, 182, 226

Achromatopsia
194, 194, 194

Achromatomaly
198, 190, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 206, 182, 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(206, 182, 226)` looks like.

```
.text, #text, p{  
    color:rgb(206, 182, 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(206, 182, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 182, 226) }
```

Border

The CSS property to change the border of an element to RGB 206, 182, 226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

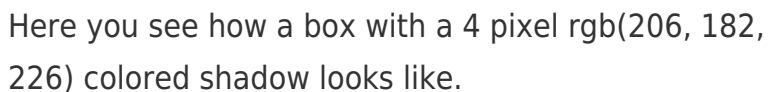
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 182, 226) }
```

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

```
.border{ border-color:rgb(206, 182, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 182, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 182, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 182, 226); box-shadow:4px 4px 4px 4px rgb(206, 182, 226) }
```

Background

The CSS property to change the background color of an element to RGB 206, 182, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 182, 226) }
```

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

```
.background{ background-color: rgb(206,  
182, 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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