

Converting Colors

RGB(225, 150, 255)

Have a look what the booklet for
RGB(225, 150, 255) contains.

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Color

RGB(225, 150, 255)

Conversions

Conversions Part 1

Format	Color
Hex	E196FF
RGB	225, 150, 255
RGB Percent	88%, 59%, 100%
CMY	0.1176, 0.4118, 0.0000
CMYK	0.12, 0.41, 0.00, 0.00
HSL	283°, 100%, 79%
HSV	283°, 41%, 100%
XYZ	60.0077, 45.0402, 100.1386
YIQ	184.3950, 10.9950, 48.5550

Conversions

Conversions Part 2

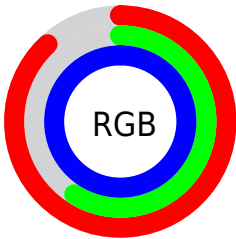
Format	Color
R _Y B	225, 150, 255
Decimal	14784255
CIE Lab	72.92, 45.67, -41.19
CIE LCh	73, 61.498, 317.952
Yxy	45.0402, 0.2925, 0.2195
Android (android.graphics.Color)	4292974335 (0xFFE196FF)
YUV	184.3950, 34.8083, 35.6106
Hunter-Lab	67.1120, 42.1583, -41.4889

Details

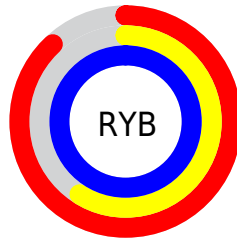
The RGB color `225, 150, 255` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `180, 255, 150`, and the grayscale version is `184, 184, 184`.

A 20% lighter version of the original color is `255, 205, 255`, and `168, 97, 198` is the 20% darker color. If you saturate the color by 10%, you get `218, 125, 255`, and if you desaturate by 10%, it is `232, 176, 255`.

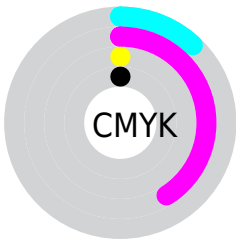
Distribution



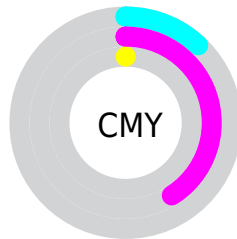
- Red (88%)
- Green (59%)
- Blue (100%)



- Red (88%)
- Yellow (59%)
- Blue (100%)



- Cyan (12%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)




- Cyan (12%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RGB color 225, 150, 255 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 225, 150, 255 by changing the saturation by 10% instead.

 225, 150, 255

 225, 150, 255


255, 255, 255


 196, 123, 226

 255, 205, 255

 168, 97, 198

 255, 234, 255

 140, 72, 170

 113, 46, 143

 87, 19, 117

 61, 0, 92


 37, 0, 68


 0, 0, 45

 0, 1, 23

 225, 150, 255


 225, 150, 255

 218, 125, 255

 232, 176, 255

 210, 99, 255

 240, 201, 255

 203, 74, 255

 247, 227, 255

 196, 48, 255

 254, 252, 255

 189, 23, 255

255, 255, 255

 182, 0, 255

Harmonies

Analogous

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



141, 173, 255



225, 150, 255



255, 131, 204

Triad

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



225, 150, 255



229, 168, 64



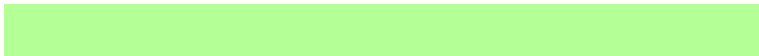
0, 207, 212

Complementary

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



225, 150, 255



180, 255, 150

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, 205, 154



225, 150, 255



177, 186, 64

Square

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



225, 150, 255



255, 146, 97



111, 199, 100



0, 203, 255

Rectangle

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



225, 150, 255



255, 128, 166



111, 199, 100



0, 207, 193

Sweetspot

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



225, 150, 255



246, 224, 255



150, 181, 255



122, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



225, 150, 255



219, 130, 255



255, 150, 234



124, 115, 128



137, 0, 191



46, 0, 64

Inverse Universe

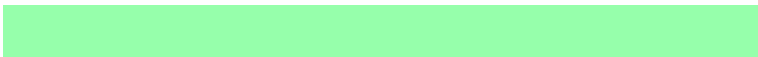
The Inverse Universe completely reimagines the original color for something new.



255, 150, 180



255, 130, 166



150, 255, 171



128, 115, 118



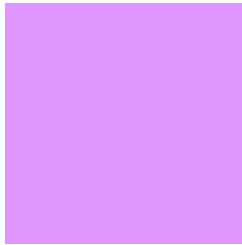
191, 0, 55



64, 0, 18

Previews

White Background



This preview shows how the RGB color 225, 150, 255 looks on a white background.

Color Contrast Check

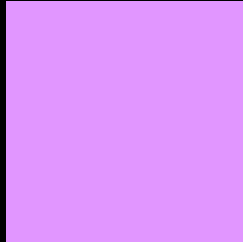
Large Text (above 18pt) WCAG AA × Fail

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 225, 150, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

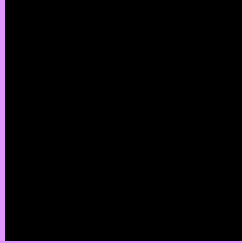
Any Text WCAG AA ✓ Pass

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 225, 150, 255 Background



This preview shows how black text looks on a background with the RGB color 225, 150, 255.



This preview shows how white text looks on a background with the RGB color 225, 150, 255.

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
225, 150, 255

Protanopia
154, 177, 255

Deuteranopia
155, 177, 250



Tritanopia
214, 166, 179

Trichromacy



Original Color

225, 150, 255



Protanomaly

180, 167, 255



Deuteranomaly

180, 167, 252

Tritanomaly

218, 160, 207

Monochromacy



Original Color

225, 150, 255



Achromatopsia

184, 184, 184



Achromatomaly

199, 172, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 150, 255 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(225, 150, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 150, 255)  
}
```

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(225, 150, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 150, 255) }
```

Border

The CSS property to change the border of an element to RGB 225, 150, 255 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(225, 150, 255) }
```

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

```
.border{ border-color:rgb(225, 150, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 150, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 150, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 150, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 150,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 225, 150, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 150, 255) }
```

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

```
.background{ background-color: rgb(225,  
150, 255) }
```

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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