

Converting Colors

RGB(137, 164, 236)

Have a look what the booklet for
RGB(137, 164, 236) contains.

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Color

RGB(137, 164, 236)

Conversions

Conversions Part 1

Format	Color
Hex	89A4EC
RGB	137, 164, 236
RGB Percent	54%, 64%, 93%
CMY	0.4627, 0.3569, 0.0745
CMYK	0.42, 0.31, 0.00, 0.07
HSL	224°, 72%, 73%
HSV	224°, 42%, 93%
XYZ	38.7323, 37.9254, 84.6358
YIQ	164.1350, -39.2040, 16.6680

Conversions

Conversions Part 2

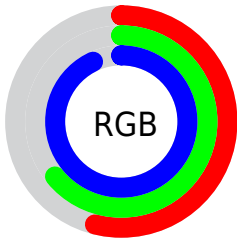
Format	Color
RYB	137, 158, 236
Decimal	9020652
CIELab	67.97, 8.77, -39.12
CIElCh	68, 40.095, 282.639
Yxy	37.9254, 0.2401, 0.2351
Android (android.graphics.Color)	4287210732 (0xFF89A4EC)
YUV	164.1350, 35.4294, -23.7974
Hunter-Lab	61.5836, 4.4942, -38.3751

Details

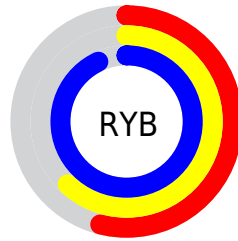
The RGB color **137, 164, 236** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **236, 209, 137**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **194, 219, 255**, and **81, 113, 180** is the 20% darker color. If you saturate the color by 10%, you get **113, 147, 236**, and if you desaturate by 10%, it is **161, 181, 236**.

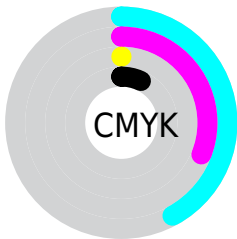
Distribution



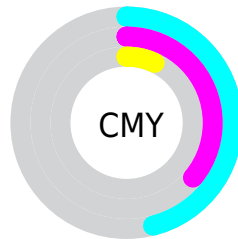
- Red (54%)
- Green (64%)
- Blue (93%)



- Red (54%)
- Yellow (62%)
- Blue (93%)



- Cyan (42%)
- Magenta (31%)
- Yellow (0%)
- Black (7%)




- Cyan (46%)
- Magenta (36%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 164, 236 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 137, 164, 236 by changing the saturation by 10% instead.

 137, 164, 236

255, 255, 255


 194, 219, 255

 223, 247, 255

 252, 255, 255

 137, 164, 236

 109, 138, 208

 81, 113, 180

 53, 88, 153

 16, 65, 127


 0, 44, 101

 0, 24, 77


 0, 5, 54


 0, 2, 31


 0, 0, 3

 137, 164, 236


 137, 164, 236

 113, 147, 236

 161, 181, 236

 90, 130, 236

 184, 198, 236

 66, 113, 236

 208, 215, 236

 43, 95, 236

 231, 233, 236

 19, 78, 236

 255, 250, 236

 0, 64, 236

 255, 255, 236

Harmonies

Analogous

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



67, 175, 234



137, 164, 236



189, 151, 219

Triad

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



137, 164, 236



229, 144, 118



86, 183, 143

Complementary

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



137, 164, 236



236, 209, 137

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.



134, 178, 111



137, 164, 236



207, 156, 97

Square

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



137, 164, 236



236, 137, 152



174, 168, 94



1, 185, 180

Rectangle

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



137, 164, 236



214, 143, 200



174, 168, 94



103, 182, 131

Sweetspot

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



137, 164, 236



222, 231, 255



137, 236, 208



107, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



137, 164, 236



128, 162, 255



158, 137, 236



106, 109, 117



0, 49, 181



0, 15, 54

Inverse Universe

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



236, 137, 164



255, 128, 162



215, 236, 137



117, 106, 109



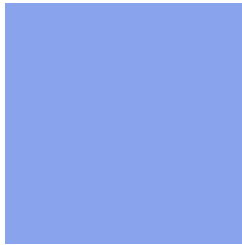
181, 0, 49



54, 0, 15

Previews

White Background



This preview shows how the RGB color 137, 164, 236 looks on a white background.

Color Contrast Check

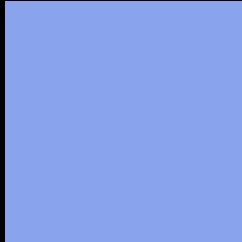
Large Text (above 18pt) WCAG AA × Fail

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 137, 164, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

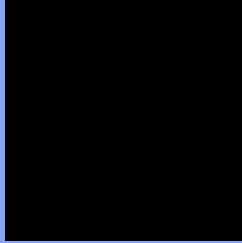
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

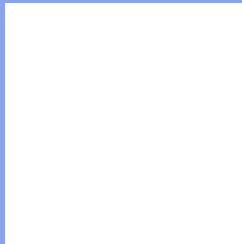
Any Text WCAG AAA ✓ Pass

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

RGB 137, 164, 236 Background



This preview shows how black text looks on a background with the RGB color 137, 164, 236.



This preview shows how white text looks on a background with the RGB color 137, 164, 236.

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
137, 164, 236

Protanopia
142, 163, 235

Deuteranopia
138, 164, 236



Tritanopia
124, 173, 187

Trichromacy



Original Color
137, 164, 236

Protanomaly
140, 163, 235

Deuteranomaly
138, 164, 236

Tritanomaly
129, 170, 205

Monochromacy



Original Color
137, 164, 236

Achromatopsia
164, 164, 164

Achromatomaly
154, 164, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 164, 236 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(137, 164, 236)` looks like.

```
.text, #text, p{  
    color:rgb(137, 164, 236)  
}
```

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(137, 164, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 164, 236) }
```

Border

The CSS property to change the border of an element to RGB 137, 164, 236 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(137, 164, 236) }
```

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

```
.border{ border-color:rgb(137, 164, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 164, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 164, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 164, 236);  
box-shadow:4px 4px 4px 4px rgb(137, 164,  
236) }
```

Background

The CSS property to change the background color of an element to RGB 137, 164, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 164, 236) }
```

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

```
.background{ background-color: rgb(137,  
164, 236) }
```

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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