

Converting Colors

RGB(114, 228, 247)

Have a look what the booklet for
RGB(114, 228, 247) contains.

RGB(114, 228, 247)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(114, 228, 247)

Conversions

Conversions Part 1

Format	Color
Hex	72E4F7
RGB	114, 228, 247
RGB Percent	45%, 89%, 97%
CMY	0.5529, 0.1059, 0.0314
CMYK	0.54, 0.08, 0.00, 0.03
HSL	189°, 89%, 71%
HSV	189°, 54%, 97%
XYZ	51.4713, 65.7796, 97.9796
YIQ	196.0800, -74.0430, -18.2590

Conversions

Conversions Part 2

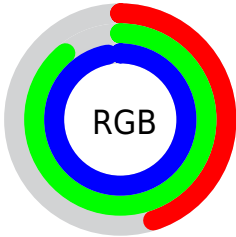
Format	Color
RYB	114, 175, 247
Decimal	7529719
CIELab	84.88, -27.30, -19.15
CIElCh	85, 33.344, 215.053
Yxy	65.7796, 0.2391, 0.3056
Android (android.graphics.Color)	4285719799 (0xFF72E4F7)
YUV	196.0800, 25.1036, -71.9842
Hunter-Lab	81.1046, -28.6519, -14.8529

Details

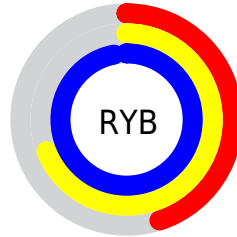
The RGB color **114, 228, 247** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **247, 133, 114**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **175, 255, 255**, and **45, 172, 191** is the 20% darker color. If you saturate the color by 10%, you get **89, 224, 247**, and if you desaturate by 10%, it is **139, 232, 247**.

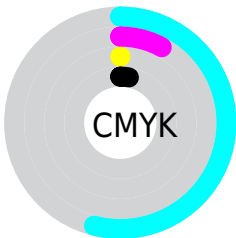
Distribution



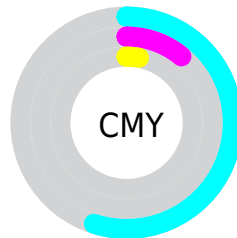
- Red (45%)
- Green (89%)
- Blue (97%)



- Red (45%)
- Yellow (69%)
- Blue (97%)



- Cyan (54%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)



- Cyan (55%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 114, 228, 247 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 114, 228, 247 by changing the saturation by 10% instead.

 114, 228, 247

255, 255, 255


 175, 255, 255

 205, 255, 255

 235, 255, 255

 114, 228, 247

 82, 200, 218

 45, 172, 191

 0, 145, 164

 0, 120, 137

 0, 94, 112

 0, 70, 87

 0, 47, 64

 0, 27, 42

 0, 1, 21

■ 114, 228, 247

■ 114, 228, 247

■ 89, 224, 247

■ 139, 232, 247

■ 65, 221, 247

■ 163, 235, 247

■ 40, 217, 247

■ 188, 239, 247

■ 15, 214, 247

■ 213, 242, 247

■ 0, 212, 247

■ 238, 246, 247

■ 255, 249, 247

■ 255, 253, 247

■ 255, 255, 247

Harmonies

Analogous

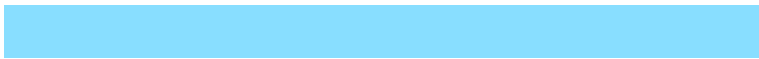
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



126, 230, 216



114, 228, 247



136, 222, 255

Triad

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



114, 228, 247



255, 193, 239



229, 212, 149

Complementary

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



114, 228, 247



247, 133, 114

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.



255, 201, 156



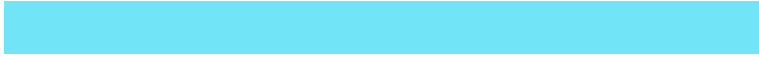
114, 228, 247



255, 189, 208

Square

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



114, 228, 247



223, 202, 255



255, 192, 177



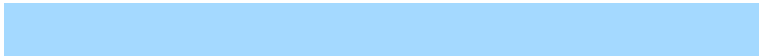
195, 221, 160

Rectangle

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



114, 228, 247



164, 217, 255



255, 192, 177



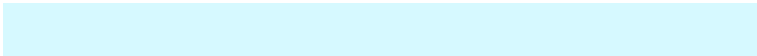
239, 208, 149

Sweetspot

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



114, 228, 247



214, 249, 255



114, 247, 132



103, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



114, 228, 247



89, 231, 255



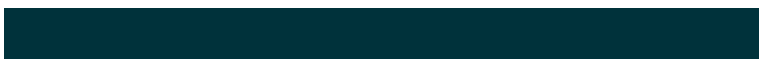
114, 163, 247



110, 121, 122



0, 160, 186



0, 50, 59

Inverse Universe

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



247, 114, 228



255, 89, 231



247, 198, 114



122, 110, 121



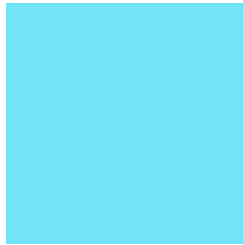
186, 0, 160



59, 0, 50

Previews

White Background



This preview shows how the RGB color 114, 228, 247 looks on a white background.

Color Contrast Check

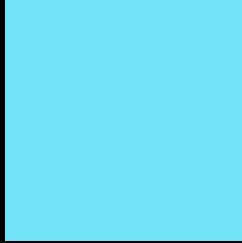
Large Text (above 18pt) WCAG AA × Fail

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 114, 228, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

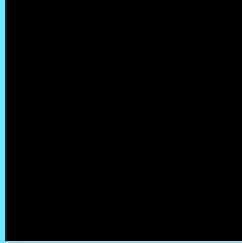
Any Text WCAG AA ✓ Pass

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 114, 228, 247 Background



This preview shows how black text looks on a background with the RGB color 114, 228, 247.

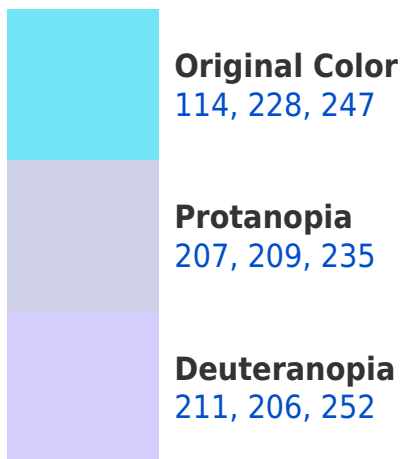


This preview shows how white text looks on a background with the RGB color 114, 228, 247.

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





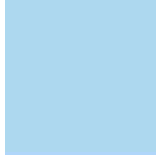
Tritanopia
114, 228, 247

Trichromacy



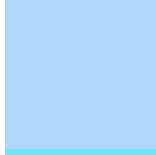
Original Color

114, 228, 247



Protanomaly

173, 216, 239



Deuteranomaly

176, 214, 250



Tritanomaly

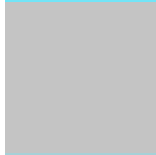
114, 228, 247

Monochromacy



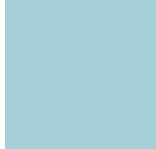
Original Color

114, 228, 247



Achromatopsia

196, 196, 196



Achromatomaly

166, 208, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 114, 228, 247 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(114, 228, 247)` looks like.

```
.text, #text, p{  
    color:rgb(114, 228, 247)  
}
```

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(114, 228, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 228, 247) }
```

Border

The CSS property to change the border of an element to RGB 114, 228, 247 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(114, 228, 247) }
```

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

```
.border{ border-color:rgb(114, 228, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 228, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 228, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 228, 247);  
box-shadow:4px 4px 4px 4px rgb(114, 228,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 114, 228, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 228, 247) }
```

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

```
.background{ background-color: rgb(114,  
228, 247) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor