

Converting Colors

RGB(102, 255, 165)

Have a look what the booklet for
RGB(102, 255, 165) contains.

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Color

RGB(102, 255, 165)

Conversions

Conversions Part 1

Format	Color
Hex	66FFA5
RGB	102, 255, 165
RGB Percent	40%, 100%, 65%
CMY	0.6000, 0.0000, 0.3529
CMYK	0.60, 0.00, 0.35, 0.00
HSL	145°, 100%, 70%
HSV	145°, 60%, 100%
XYZ	48.0310, 77.0614, 47.9402
YIQ	198.9930, -62.2980, -60.4260

Conversions

Conversions Part 2

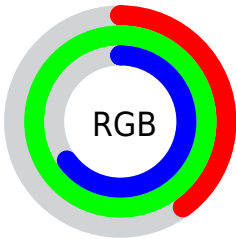
Format	Color
RYB	102, 210, 255
Decimal	6750117
CIELab	90.35, -60.15, 31.21
CIELCh	90, 67.762, 152.575
Yxy	77.0614, 0.2776, 0.4454
Android (android.graphics.Color)	4284940197 (0xFF66FFA5)
YUV	198.9930, -16.7585, -85.0629
Hunter-Lab	87.7846, -55.9575, 29.0703

Details

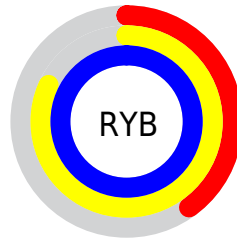
The RGB color **102, 255, 165** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **255, 102, 192**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **165, 255, 221**, and **13, 197, 112** is the 20% darker color. If you saturate the color by 10%, you get **77, 255, 150**, and if you desaturate by 10%, it is **128, 255, 180**.

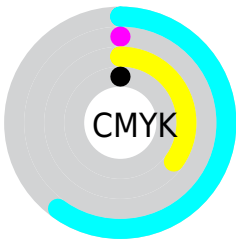
Distribution



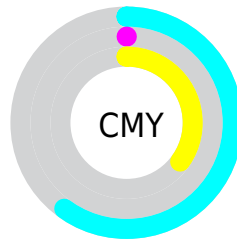
- Red (40%)
- Green (100%)
- Blue (65%)



- Red (40%)
- Yellow (82%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 102, 255, 165 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 102, 255, 165 by changing the saturation by 10% instead.

 102, 255, 165

255, 255, 255


 165, 255, 221


 195, 255, 249

 226, 255, 255


 102, 255, 165


 67, 226, 138

 13, 197, 112

 0, 169, 87

 0, 142, 63

 0, 115, 39

 0, 89, 15

 0, 64, 0

 0, 41, 0

 0, 2, 0

 102, 255, 165

 102, 255, 165

 77, 255, 150

 128, 255, 180

 51, 255, 135

 153, 255, 195

 25, 255, 120

 179, 255, 210

 0, 255, 105

 204, 255, 225

 230, 255, 240

255, 255, 255

Harmonies

Analogous

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



192, 244, 113



102, 255, 165



0, 255, 231

Triad

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



102, 255, 165



112, 233, 255



255, 180, 161

Complementary

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



102, 255, 165



255, 102, 192

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, 171, 224



102, 255, 165



238, 208, 255

Square

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



102, 255, 165



0, 250, 255



255, 183, 255



255, 202, 112

Rectangle

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



102, 255, 165



0, 255, 255



255, 183, 255



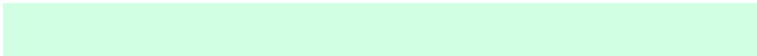
255, 174, 181

Sweetspot

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



102, 255, 165



209, 255, 228



194, 255, 102



99, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



102, 255, 165



71, 255, 147



102, 255, 240



115, 128, 120



0, 191, 79



0, 64, 26

Inverse Universe

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



255, 102, 192



255, 71, 179



255, 102, 117



128, 115, 122



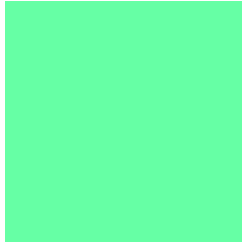
191, 0, 113



64, 0, 38

Previews

White Background



This preview shows how the RGB color 102, 255, 165 looks on a white background.

Color Contrast Check

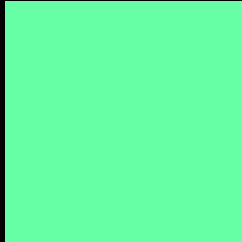
Large Text (above 18pt) WCAG AA × Fail

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 102, 255, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

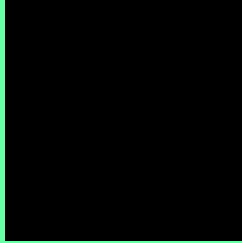
Any Text WCAG AA ✓ Pass

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 102, 255, 165 Background



This preview shows how black text looks on a background with the RGB color 102, 255, 165.

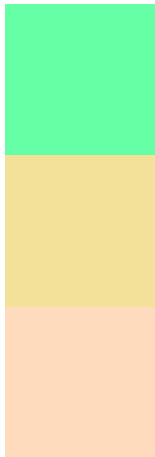


This preview shows how white text looks on a background with the RGB color 102, 255, 165.

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
102, 255, 165

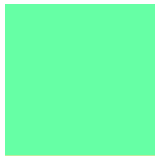
Protanopia
244, 225, 153

Deuteranopia
255, 219, 189



Tritanopia
158, 239, 255

Trichromacy



Original Color

102, 255, 165



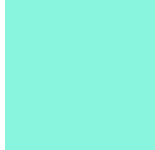
Protanomaly

192, 236, 157



Deuteranomaly

199, 232, 180



Tritanomaly

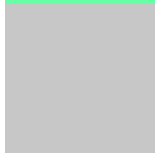
138, 245, 222

Monochromacy



Original Color

102, 255, 165



Achromatopsia

199, 199, 199



Achromatomaly

164, 219, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 102, 255, 165 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(102, 255, 165)` looks like.

```
.text, #text, p{  
    color:rgb(102, 255, 165)  
}
```

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(102, 255, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 165) }
```

Border

The CSS property to change the border of an element to RGB 102, 255, 165 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(102, 255, 165) }
```

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

```
.border{ border-color:rgb(102, 255, 165) }
```

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

Here you see how a box with a 4 pixel rgb(102, 255, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 255, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 255, 165);  
box-shadow:4px 4px 4px 4px rgb(102, 255,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 102, 255, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 255, 165) }
```

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

```
.background{ background-color: rgb(102,  
255, 165) }
```

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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