

Converting Colors

RGB(40, 250, 166)

Have a look what the booklet for
RGB(40, 250, 166) contains.

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Color

RGB(40, 250, 166)

Conversions

Conversions Part 1

Format	Color
Hex	28FAA6
RGB	40, 250, 166
RGB Percent	16%, 98%, 65%
CMY	0.8431, 0.0196, 0.3490
CMYK	0.84, 0.00, 0.34, 0.02
HSL	156°, 95%, 57%
HSV	156°, 84%, 98%
XYZ	41.9436, 71.5755, 47.6812
YIQ	177.6340, -98.1960, -70.6440

Conversions

Conversions Part 2

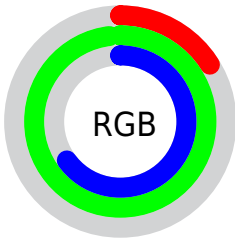
Format	Color
RYB	40, 171, 250
Decimal	2685606
CIELab	87.76, -66.59, 27.03
CIELCh	88, 71.866, 157.910
Yxy	71.5755, 0.2602, 0.4440
Android (android.graphics.Color)	4280875686 (0xFF28FAA6)
YUV	177.6340, -5.7356, -120.7050
Hunter-Lab	84.6023, -59.5584, 25.8062

Details

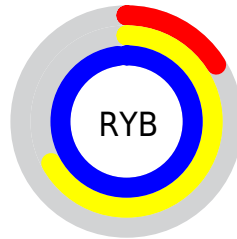
The RGB color **40, 250, 166** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **250, 40, 124**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **124, 255, 221**, and **0, 192, 114** is the 20% darker color. If you saturate the color by 10%, you get **15, 250, 156**, and if you desaturate by 10%, it is **65, 250, 176**.

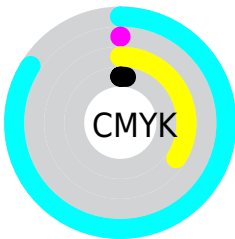
Distribution



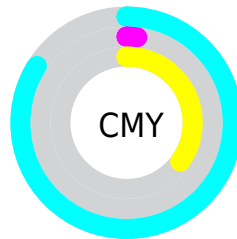
- Red (16%)
- Green (98%)
- Blue (65%)



- Red (16%)
- Yellow (67%)
- Blue (98%)



- Cyan (84%)
- Magenta (0%)
- Yellow (34%)
- Black (2%)




















- Cyan (84%)
- Magenta (2%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 40, 250, 166 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 40, 250, 166 by changing the saturation by 10% instead.

 40, 250, 166	 40, 250, 166
 255, 255, 255	 0, 221, 139
 124, 255, 221	 0, 192, 114
 157, 255, 250	 0, 164, 89
 189, 255, 255	 0, 137, 64
 221, 255, 255	 0, 110, 41
 253, 255, 255	 0, 84, 18
	 0, 59, 0
	 0, 34, 0
	 0, 0, 0

 40, 250, 166

 40, 250, 166

 15, 250, 156

 65, 250, 176

 0, 250, 150

 90, 250, 186

 115, 250, 196

 140, 250, 206

 165, 250, 216

 190, 250, 226

 215, 250, 236

 240, 250, 246

 255, 250, 255

Harmonies

Analogous

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



168, 240, 106



40, 250, 166



0, 254, 237

Triad

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



40, 250, 166



121, 222, 255



255, 172, 139

Complementary

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



40, 250, 166



250, 40, 124

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, 158, 205



40, 250, 166



248, 194, 255

Square

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



40, 250, 166



0, 241, 255



255, 168, 255



255, 198, 90

Rectangle

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



40, 250, 166



0, 253, 255



255, 168, 255



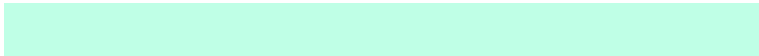
255, 165, 160

Sweetspot

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



40, 250, 166



191, 255, 230



124, 250, 40



89, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



40, 250, 166



0, 255, 153



40, 229, 250



112, 125, 120



0, 189, 113



0, 61, 37

Inverse Universe

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



250, 40, 124



255, 0, 102



250, 61, 40



125, 112, 117



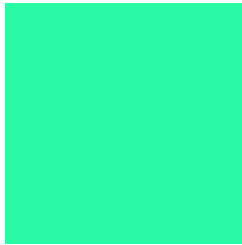
189, 0, 75



61, 0, 24

Previews

White Background



This preview shows how the RGB color 40, 250, 166 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 40, 250, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

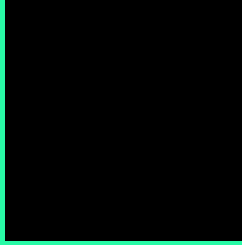
Any Text WCAG AA ✓ Pass

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 40, 250, 166 Background



This preview shows how black text looks on a background with the RGB color 40, 250, 166.

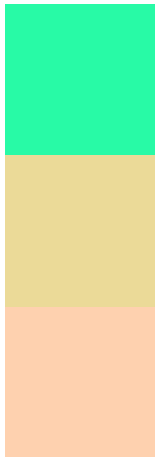


This preview shows how white text looks on a background with the RGB color 40, 250, 166.

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
40, 250, 166

Protanopia
235, 218, 152

Deuteranopia
254, 209, 175



Tritanopia
110, 237, 255

Trichromacy



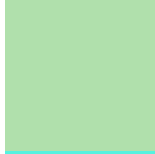
Original Color

40, 250, 166



Protanomaly

164, 230, 157



Deuteranomaly

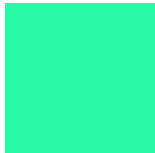
176, 224, 172



Tritanomaly

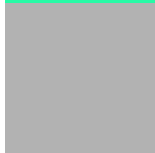
85, 242, 223

Monochromacy



Original Color

40, 250, 166



Achromatopsia

178, 178, 178



Achromatomaly

128, 204, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 40, 250, 166 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(40, 250, 166)` looks like.

```
.text, #text, p{  
    color:rgb(40, 250, 166)  
}
```

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(40, 250, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 250, 166) }
```

Border

The CSS property to change the border of an element to RGB 40, 250, 166 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(40, 250, 166) }
```

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

```
.border{ border-color:rgb(40, 250, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 250, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 250, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 250, 166);  
box-shadow:4px 4px 4px 4px rgb(40, 250,  
166) }
```

Background

The CSS property to change the background color of an element to RGB 40, 250, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 250, 166) }
```

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

```
.background{ background-color: rgb(40, 250,  
166) }
```

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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