

Converting Colors

RGB(20, 245, 160)

Have a look what the booklet for
RGB(20, 245, 160) contains.

RGB(20, 245, 160)	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(20, 245, 160)

Conversions

Conversions Part 1

Format	Color
Hex	14F5A0
RGB	20, 245, 160
RGB Percent	8%, 96%, 63%
CMY	0.9216, 0.0392, 0.3725
CMYK	0.92, 0.00, 0.35, 0.04
HSL	157°, 92%, 52%
HSV	157°, 92%, 96%
XYZ	39.2861, 67.9916, 44.3108
YIQ	168.0350, -106.8150, -74.1350

Conversions

Conversions Part 2

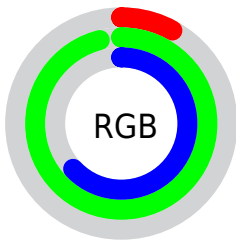
Format	Color
R _Y B	20, 159, 245
Decimal	1373600
CIE Lab	86.00, -67.21, 27.66
CIE LCh	86, 72.680, 157.635
Yxy	67.9916, 0.2592, 0.4485
Android (android.graphics.Color)	4279563680 (0xFF14F5A0)
YUV	168.0350, -3.9613, -129.8267
Hunter-Lab	82.4570, -59.2547, 25.8586

Details

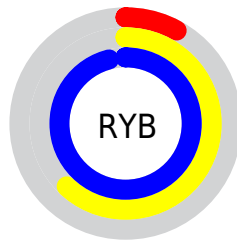
The RGB color **20, 245, 160** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **245, 20, 105**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **116, 255, 215**, and **0, 187, 108** is the 20% darker color. If you saturate the color by 10%, you get **0, 245, 152**, and if you desaturate by 10%, it is **45, 245, 169**.

Distribution



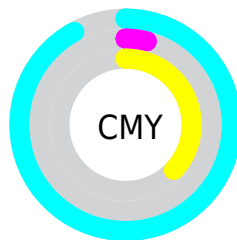
- Red (8%)
- Green (96%)
- Blue (63%)



- Red (8%)
- Yellow (62%)
- Blue (96%)



- Cyan (92%)
- Magenta (0%)
- Yellow (35%)
- Black (4%)




















- Cyan (92%)
- Magenta (4%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 20, 245, 160 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 20, 245, 160 by changing the saturation by 10% instead.

 20, 245, 160	 20, 245, 160
 255, 255, 255	 0, 216, 134
 116, 255, 215	 0, 187, 108
 150, 255, 244	 0, 159, 83
 183, 255, 255	 0, 132, 59
 214, 255, 255	 0, 105, 36
 246, 255, 255	 0, 79, 12
	 0, 56, 0
	 0, 29, 0
	 0, 0, 0


 20, 245, 160

 20, 245, 160

 0, 245, 152

 45, 245, 169

 69, 245, 179

 94, 245, 188


 118, 245, 197

 143, 245, 206

 167, 245, 216

 192, 245, 225

 216, 245, 234

 241, 245, 243

Harmonies

Analogous

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



163, 235, 99



20, 245, 160



0, 249, 231

Triad

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



20, 245, 160



110, 217, 255



255, 166, 135

Complementary

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



20, 245, 160



245, 20, 105

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, 152, 200



20, 245, 160



242, 189, 255

Square

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



20, 245, 160



0, 236, 255



255, 162, 255



255, 193, 84

Rectangle

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



20, 245, 160



0, 248, 255



255, 162, 255



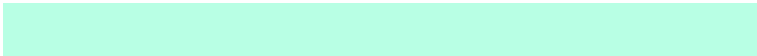
255, 159, 155

Sweetspot

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



20, 245, 160



184, 255, 228



106, 245, 20



84, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



20, 245, 160



0, 255, 159



20, 219, 245



110, 122, 118



0, 186, 116



0, 59, 36

Inverse Universe

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



245, 20, 105



255, 0, 96



245, 46, 20



122, 110, 115



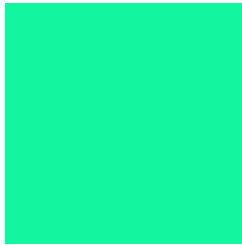
186, 0, 70



59, 0, 22

Previews

White Background



This preview shows how the RGB color 20, 245, 160 looks on a white background.

Color Contrast Check

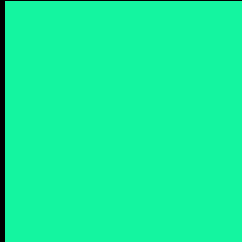
Large Text (above 18pt) WCAG AA × Fail

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 20, 245, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

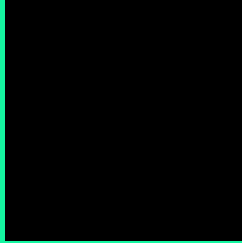
Any Text WCAG AA ✓ Pass

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 20, 245, 160 Background



This preview shows how black text looks on a background with the RGB color 20, 245, 160.

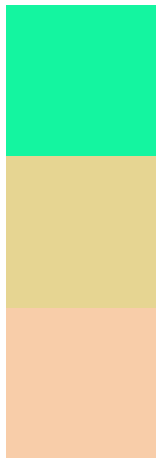


This preview shows how white text looks on a background with the RGB color 20, 245, 160.

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](#).

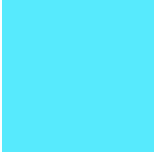
Dichromacy



Original Color
20, 245, 160

Protanopia
230, 213, 146

Deuteranopia
248, 205, 169



Tritanopia
87, 234, 253

Trichromacy



Original Color

20, 245, 160



Protanomaly

154, 225, 151



Deuteranomaly

165, 220, 166



Tritanomaly

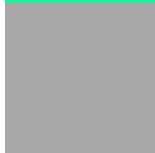
63, 238, 219

Monochromacy



Original Color

20, 245, 160



Achromatopsia

168, 168, 168



Achromatomaly

114, 196, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 20, 245, 160 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(20, 245, 160)` looks like.

```
.text, #text, p{  
    color:rgb(20, 245, 160)  
}
```

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(20, 245, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 245, 160) }
```

Border

The CSS property to change the border of an element to RGB 20, 245, 160 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(20, 245, 160) }
```

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

```
.border{ border-color:rgb(20, 245, 160) }
```

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

Here you see how a box with a 4 pixel rgb(20, 245, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 245, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 245, 160);  
box-shadow:4px 4px 4px 4px rgb(20, 245,  
160) }
```

Background

The CSS property to change the background color of an element to RGB 20, 245, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 245, 160) }
```

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

```
.background{ background-color: rgb(20, 245,  
160) }
```

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