# Converting Colors

RGB(22, 198, 151)

# Have a look what the booklet for RGB(22, 198, 151) contains.

# Color

**RGB(22, 198, 151)**

# Conversions

Conversions Part 1

| Format | Color |
| --- | --- |
| Hex | 16C697 |
| RGB | 22, 198, 151 |
| RGB Percent | 9%, 78%, 59% |
| CMY | 0.9137, 0.2235, 0.4078 |
| CMYK | 0.89, 0.00, 0.24, 0.22 |
| HSL | 164°, 80%, 43% |
| HSV | 164°, 89%, 78% |
| XYZ | 26.1109, 42.7931, 36.1619 |
| YIQ | 140.0180, -89.8090, -51.9290 |

# Conversions

Conversions Part 2

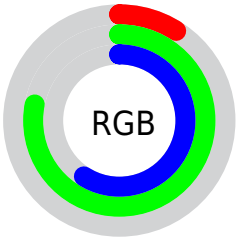
| Format | Color |
| --- | --- |
| RYB | 22, 124, 198 |
| Decimal | 1492631 |
| CIELab | 71.41, -51.75, 12.21 |
| CIELCh | 71, 53.171, 166.723 |
| Yxy | 42.7931, 0.2485, 0.4073 |
| Android (android.graphics.Color) | 4279682711 (0xFF16C697) |
| YUV | 140.0180, 5.4141, -103.5018 |
| Hunter-Lab | 65.4164, -43.2308, 13.0163 |

# Details

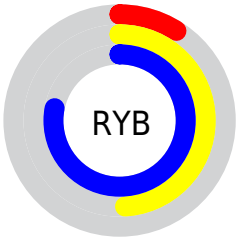
The RGB color 22, 198, 151 is a dark color, and the websafe version is hex 33CC99. The color can be described as dark washed spring green. A complement of this color would be 198, 22, 69, and the grayscale version is 140, 140, 140.

A 20% lighter version of the original color is 105, 255, 205, and 0, 143, 100 is the 20% darker color. If you saturate the color by 10%, you get 2, 198, 146, and if you desaturate by 10%, it is 42, 198, 156.

# Distribution

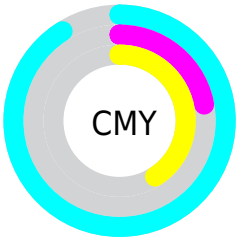



- Red (9%)
- Green (78%)
- Blue (59%)




- Red (9%)
- Yellow (49%)
- Blue (78%)


- Cyan (89%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)




- Cyan (91%)
- Magenta (22%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 22, 198, 151 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 22, 198, 151 by changing the saturation by 10% instead.

22, 198, 151

255, 255, 255

105, 255, 205

137, 255, 233

168, 255, 255

198, 255, 255

229, 255, 255

22, 198, 151

0, 170, 125

0, 143, 100

0, 116, 76

0, 91, 53

0, 66, 32

0, 44, 9

0, 10, 0

0, 0, 0

22, 198, 151

22, 198, 151

2, 198, 146

0, 198, 145

42, 198, 156

62, 198, 162

81, 198, 167

101, 198, 172

121, 198, 177

141, 198, 183

161, 198, 188

180, 198, 193

200, 198, 199

# Harmonies

## Analogous

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

122, 192, 106

22, 198, 151

0, 199, 201

# Triad

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

22, 198, 151

142, 171, 255

253, 147, 106

# Complementary

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

22, 198, 151

198, 22, 69

# 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, 134, 150

22, 198, 151

213, 151, 242

# Square

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

22, 198, 151

0, 186, 255

254, 136, 199

222, 165, 78

# Rectangle

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

22, 198, 151

0, 198, 232

254, 136, 199

255, 142, 119

# Sweetspot

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

22, 198, 151

186, 255, 237

72, 198, 22

87, 128, 117

0, 0, 0

128, 128, 128

# Same Dimension

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

22, 198, 151

0, 255, 187

22, 160, 198

90, 99, 97

0, 163, 120

0, 36, 26

# Inverse Universe

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

198, 22, 69

255, 0, 68

198, 60, 22

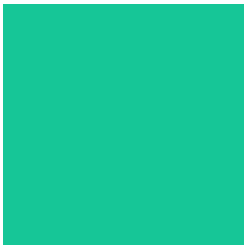
99, 90, 92

163, 0, 44

36, 0, 10

# Previews

## White Background



This preview shows how the RGB color 22, 198, 151 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 22, 198, 151 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 22, 198, 151 Background

This preview shows how black text looks on a background with the RGB color 22, 198, 151.

This preview shows how white text looks on a background with the RGB color 22, 198, 151.

# 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**
22, 198, 151

**Protanopia**
184, 173, 139

**Deuteranopia**
196, 167, 158

**Tritanopia**
65, 191, 206

## Trichromacy

**Original Color**
22, 198, 151

**Protanomaly**
125, 182, 143

**Deuteranomaly**
133, 178, 155

**Tritanomaly**
49, 194, 186

## Monochromacy

**Original Color**
22, 198, 151

**Achromatopsia**
140, 140, 140

**Achromatomaly**
97, 161, 144

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 22, 198, 151 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(22, 198, 151) looks like.

```
.text, #text, p{
    color:rgb(22, 198, 151)
}
```

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(22, 198, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 198, 151) }
```

## Border

The CSS property to change the border of an element to RGB 22, 198, 151 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(22, 198, 151) }
```

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

```
.border{ border-color:rgb(22, 198, 151) }
```

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

Here you see how a box with a 4 pixel rgb(22, 198, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(22, 198, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(22, 198, 151); box-shadow:4px 4px 4px 4px rgb(22, 198, 151) }
```

# Background

The CSS property to change the background color of an element to RGB 22, 198, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(22, 198, 151) }
```

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

```
.background{ background-color:rgb(22, 198, 151) }
```

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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