

Converting Colors

`RYB(10, 218, 184)`

Have a look what the booklet for
RYB(10, 218, 184) contains.

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Color

`RYB(10, 218, 184)`

Conversions

Conversions Part 1	
Format	Color
Hex	2CDA0A
RGB	44, 218, 10
RGB Percent	17%, 85%, 4%
CMY	0.8275, 0.1451, 0.9608
CMYK	0.80, 0.00, 0.95, 0.15
HSL	110°, 91%, 45%
HSV	110°, 95%, 85%
XYZ	26.1649, 50.7002, 8.6942
YIQ	142.2620, -36.9360, -101.5760

Conversions

Conversions Part 2

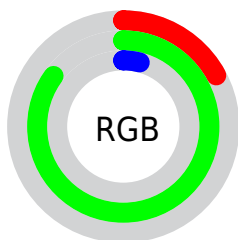
Format	Color
RYB	10, 218, 184
Decimal	2939402
CIELab	76.50, -73.43, 73.35
CIELCh	76, 103.795, 135.031
Yxy	50.7002, 0.3058, 0.5926
Android (android.graphics.Color)	4281129482 (0xFF2CDA0A)
YUV	142.2620, -65.2052, -86.1758
Hunter-Lab	71.2041, -59.0149, 42.6033

Details

The RYB color **10, 218, 184** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **184, 10, 218**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **87, 255, 220**, and **0, 161, 161** is the 20% darker color. If you saturate the color by 10%, you get **0, 218, 182**, and if you desaturate by 10%, it is **32, 218, 188**.

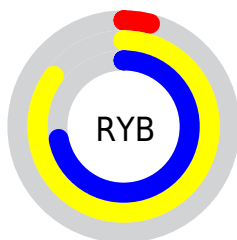
Distribution



Red (17%)

Green (85%)

Blue (4%)



Red (4%)

Yellow (85%)

Blue (72%)

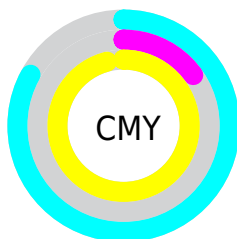


Cyan (80%)

Magenta (0%)

Yellow (95%)

Black (15%)



Cyan (83%)

Magenta (15%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the RYB color 10, 218, 184 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 RYB color 10, 218, 184 by changing the saturation by 10% instead.

 10, 218, 184

255, 255, 255

 87, 255, 220

 117, 255, 217

 145, 255, 214

 174, 255, 211


 204, 255, 210

 233, 255, 233

 10, 218, 184

 0, 189, 189

 0, 161, 161

 0, 134, 134

 0, 107, 107

 0, 81, 81

 0, 57, 57


 0, 31, 31

 0, 0, 0

 10, 218, 184


 10, 218, 184

 0, 218, 182

 32, 218, 188

 54, 218, 192

 75, 218, 194

 97, 218, 198

 119, 218, 202

 141, 218, 206

 163, 218, 209

 184, 218, 212

 206, 218, 216

Harmonies

Analogous

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



0, 199, 16



10, 218, 184



0, 142, 227

Triad

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



10, 218, 184



0, 116, 255



255, 63, 145

Complementary

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



10, 218, 184



184, 10, 218

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, 76, 241



10, 218, 184



0, 107, 255

Square

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



10, 218, 184



0, 120, 255



250, 136, 255



255, 151, 51

Rectangle

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



10, 218, 184



0, 122, 230



250, 136, 255



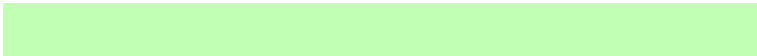
255, 55, 177

Sweetspot

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



10, 218, 184



181, 255, 243



52, 218, 10



83, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



10, 218, 184



0, 255, 213



10, 166, 218



99, 110, 109



0, 173, 145



0, 46, 38

Inverse Universe

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



184, 10, 218



213, 0, 255



218, 10, 149



108, 99, 110



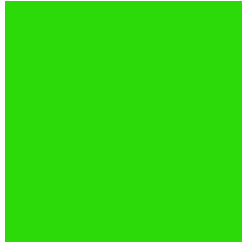
145, 0, 173



38, 0, 46

Previews

White Background



This preview shows how the RYB color 10, 218, 184 looks on a white background.

Color Contrast Check

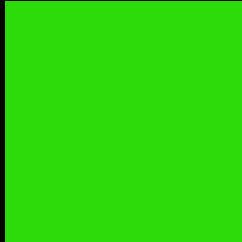
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 10, 218, 184 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](#).

RYB 10, 218, 184 Background



This preview shows how black text looks on a background with the RYB color 10, 218, 184.



This preview shows how white text looks on a background with the RYB color 10, 218, 184.

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](#).

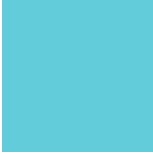
Dichromacy



Original Color
10, 218, 184

Protanopia
27, 211, 0

Deuteranopia
132, 235, 48



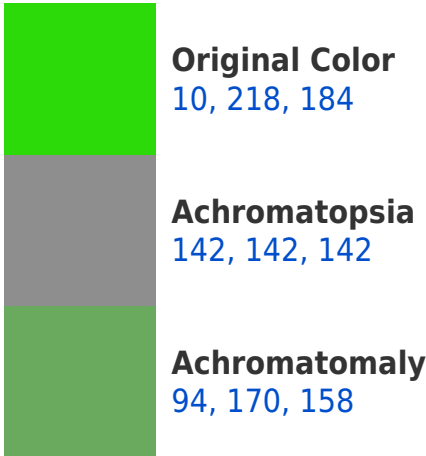
Tritanopia

99, 155, 219

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 10, 218, 184 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(44, 218, 10) looks like.

```
.text, #text, p{  
    color:rgb(44, 218, 10)  
}
```

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(44, 218, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 218, 10) }
```

Border

The CSS property to change the border of an element to RYB 10, 218, 184 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(44, 218, 10) }
```

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

```
.border{ border-color:rgb(44, 218, 10) }
```

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

Here you see how a box with a 4 pixel rgb(44, 218, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 218, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 218, 10);  
box-shadow:4px 4px 4px 4px rgb(44, 218,  
10) }
```

Background

The CSS property to change the background color of an element to RGB 44, 218, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 218, 184) }
```

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

```
.background{ background-color: rgb(44, 218,  
184) }
```

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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