

Converting Colors

Hex(20854B)

Have a look what the booklet for
Hex(20854B) contains.

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Color

Hex(20854B)

Conversions

Conversions Part 1

Format	Color
Hex	20854B
RGB	32, 133, 75
RGB Percent	13%, 52%, 29%
CMY	0.8745, 0.4784, 0.7059
CMYK	0.76, 0.00, 0.44, 0.48
HSL	146°, 61%, 32%
HSV	146°, 76%, 52%
XYZ	10.2532, 17.5901, 9.5114
YIQ	96.1890, -41.5780, -39.4500

Conversions

Conversions Part 2

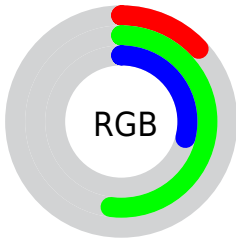
Format	Color
RYB	32, 103, 133
Decimal	2131275
CIELab	49.00, -42.13, 23.32
CIELCh	49, 48.156, 151.037
Yxy	17.5901, 0.2745, 0.4709
Android (android.graphics.Color)	4280321355 (0xFF20854B)
YUV	96.1890, -10.4462, -56.2938
Hunter-Lab	41.9406, -29.7582, 15.9124




Details

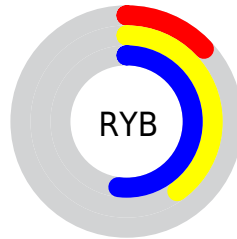
The Hex color **20854B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **85205A**, and the grayscale version is **606060**.




A 20% lighter version of the original color is **5CBB7D**, and **00521D** is the 20% darker color. If you saturate the color by 10%, you get **138543**, and if you desaturate by 10%, it is **2D8553**.

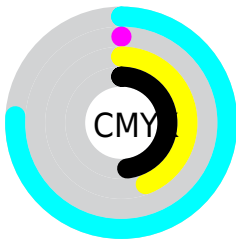
Distribution







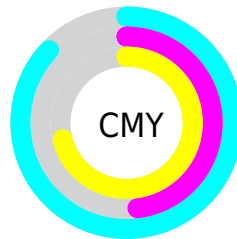
-  Red (13%)
-  Green (52%)
-  Blue (29%)






-  Red (13%)
-  Yellow (40%)
-  Blue (52%)



-  Cyan (76%)
-  Magenta (0%)
-  Yellow (44%)
-  Black (48%)



-  Cyan (87%)
-  Magenta (48%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20854B 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 Hex color 20854B by changing the saturation by 10% instead.

 20854B

 20854B

FFFFFF

 006B34

 5CBB7D

 00521D

 78D797

 003A06

 94F4B1

 002500

 B1FFCD

 000000

 CDFFE9

 EBFFFF

 20854B

 20854B

 138543

 2D8553

 05853C

 3B855A

 008539

 488562

 55856A

 638571

 708579

 7D8580

 8A8588

 988590

Harmonies

Analogous

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



5F7E29



20854B



008875

Triad

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



20854B



0079C6



BC544D

Complementary

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



20854B



85205A

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.



BD4E75



20854B



7769BB

Square

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



20854B



0083BB



A7589D



A9632C

Rectangle

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



20854B



008890



A7589D



BF515A

Sweetspot

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



20854B



86AD96



5B8520



3E5749



D6D6D6



575757

Same Dimension

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



20854B



10AD53



20857D



3C423E



008237



000301

Inverse Universe

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



85205A



AD106A



852028



423C3F



82004B



030001

Previews

White Background



This preview shows how the Hex color 20854B looks on a white background.

Color Contrast Check

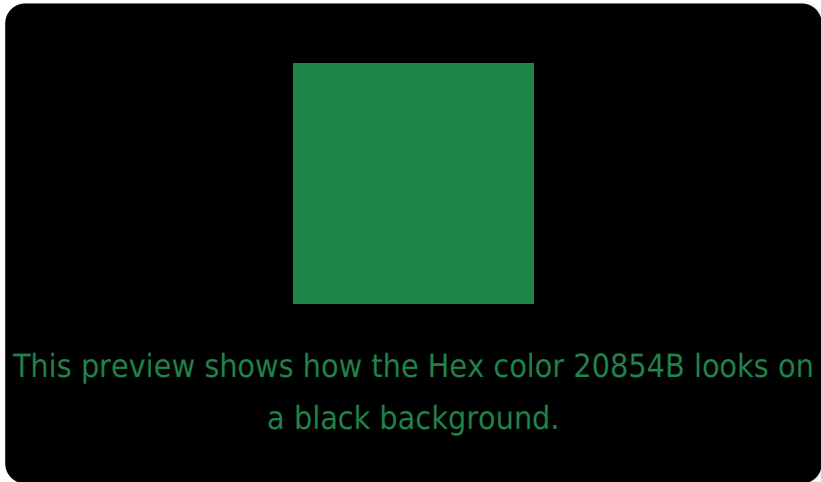
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 20854B Background



This preview shows how black text looks on a background with the Hex color 20854B.



This preview shows how white text looks on a background with the Hex color 20854B.

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
20854B

Protanopia
7F7444

Deuteranopia
8A6F50



Tritanopia
397E88

Trichromacy



Original Color
20854B



Protanomaly
5C7A47



Deuteranomaly
63774E



Tritanomaly
308172

Monochromacy



Original Color
20854B



Achromatopsia
606060



Achromatomaly
496D58

CSS Examples

Text

The CSS property to change the color of the text to Hex 20854B 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 #20854B looks like.

```
.text, #text, p{  
    color:#20854B  
}
```

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 #20854B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20854B
}
```

Border

The CSS property to change the border of an element to Hex 20854B 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
#20854B }
```

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

```
.border{ border-color:#20854B }
```

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

Here you see how a box with a 4 pixel #20854B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20854B; -webkit-box-shadow:4px 4px  
4px 4px #20854B; box-shadow:4px 4px 4px  
4px #20854B }
```

Background

The CSS property to change the background color of an element to Hex 20854B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20854B }
```

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

```
.background{ background-color:#20854B }
```

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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