

Converting Colors

Hex(20654B)

Have a look what the booklet for
Hex(20654B) contains.

Hex(20654B)	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

Hex(20654B)

Conversions

Conversions Part 1

Format	Color
Hex	20654B
RGB	32, 101, 75
RGB Percent	13%, 40%, 29%
CMY	0.8745, 0.6039, 0.7059
CMYK	0.68, 0.00, 0.26, 0.60
HSL	157°, 52%, 26%
HSV	157°, 68%, 40%
XYZ	6.5193, 10.1224, 8.2668
YIQ	77.4050, -32.7780, -22.7140

Conversions

Conversions Part 2

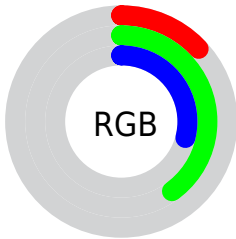
Format	Color
RYB	32, 75, 101
Decimal	2123083
CIELab	38.06, -28.35, 8.52
CIELCh	38, 29.604, 163.272
Yxy	10.1224, 0.2617, 0.4064
Android (android.graphics.Color)	4280313163 (0xFF20654B)
YUV	77.4050, -1.1857, -39.8202
Hunter-Lab	31.8158, -19.1013, 6.8655

Details

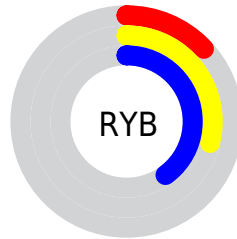
The Hex color **20654B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **65203A**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **55997C**, and **00351F** is the 20% darker color. If you saturate the color by 10%, you get **166547**, and if you desaturate by 10%, it is **2A654F**.

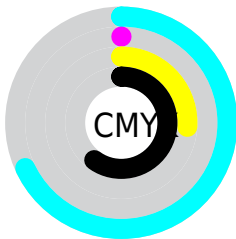
Distribution



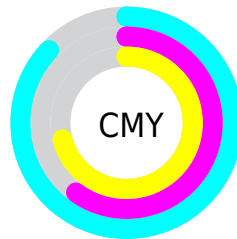
- Red (13%)
- Green (40%)
- Blue (29%)



- Red (13%)
- Yellow (29%)
- Blue (40%)



- Cyan (68%)
- Magenta (0%)
- Yellow (26%)
- Black (60%)



- Cyan (87%)
- Magenta (60%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20654B 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 20654B by changing the saturation by 10% instead.

 20654B

 20654B

FFFFFF

 004D34

 55997C

 00351F

 70B496

 002107

 8ACFB0

 000000

 A6ECCC

 C2FFE8

 DEFFFF

 FBFFFF

 20654B

 20654B

■ 166547

■ 2A654F

■ 0C6543

■ 346553

■ 026540

■ 3E6556

■ 00653F

■ 48655A

■ 53655E

■ 5D6562

■ 676566

■ 716569

■ 7B656D

Harmonies

Analogous

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



436236



20654B



006664

Triad

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



20654B



465888



824B3A

Complementary

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



20654B



65203A

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.



874650



20654B



694F7D

Square

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



20654B



046087



7F4868



74542B

Rectangle

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



20654B



006573



7F4868



854941

Sweetspot

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



20654B



688278



3A6520



32423C



C2C2C2



424242

Same Dimension

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



20654B



17825A



205D65



2E3331



007348



00F297

Inverse Universe

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



65203A



821740



652820



332E30



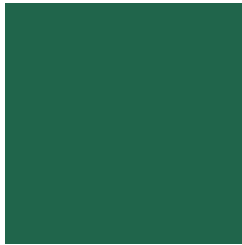
73002B



F2005B

Previews

White Background



This preview shows how the Hex color 20654B looks on a white background.

Color Contrast Check

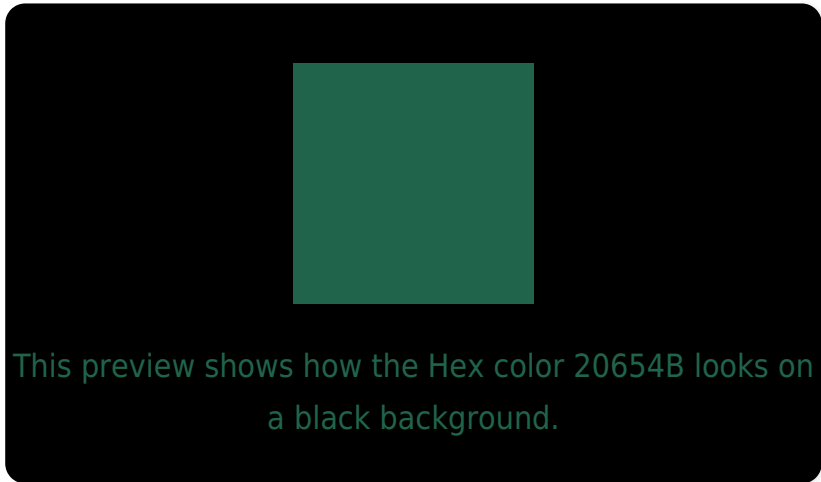
Large Text (above 18pt) WCAG AA ✓ Pass

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

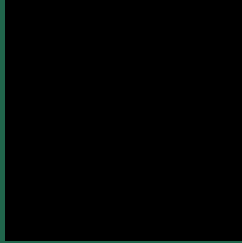
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 20654B Background



This preview shows how black text looks on a background with the Hex color 20654B.



This preview shows how white text looks on a background with the Hex color 20654B.

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
20654B

Protanopia
5F5945

Deuteranopia
66564E



Tritanopia
2C6169

Trichromacy



Original Color
20654B

Protanomaly
485D47

Deuteranomaly
4D5B4D

Tritanomaly
28625E

Monochromacy



Original Color
20654B

Achromatopsia
4D4D4D

Achromatomaly
3D564C

CSS Examples

Text

The CSS property to change the color of the text to Hex 20654B 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 #20654B looks like.

```
.text, #text, p{  
    color:#20654B  
}
```

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 #20654B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20654B
}
```

Border

The CSS property to change the border of an element to Hex 20654B 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".

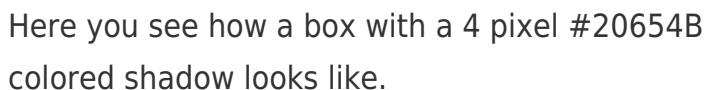
```
.border, #border, table{ border:4px solid
#20654B }
```

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

```
.border{ border-color:#20654B }
```

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

Here you see how a box with a 4 pixel #20654B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20654B; -webkit-box-shadow:4px 4px  
4px 4px #20654B; box-shadow:4px 4px 4px  
4px #20654B }
```

Background

The CSS property to change the background color of an element to Hex 20654B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20654B }
```

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

```
.background{ background-color:#20654B }
```

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