

Converting Colors

Hex(20554F)

Have a look what the booklet for
Hex(20554F) contains.

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Color

Hex(20554F)

Conversions

Conversions Part 1

Format	Color
Hex	20554F
RGB	32, 85, 79
RGB Percent	13%, 33%, 31%
CMY	0.8745, 0.6667, 0.6902
CMYK	0.62, 0.00, 0.07, 0.67
HSL	173°, 45%, 23%
HSV	173°, 62%, 33%
XYZ	5.2554, 7.3686, 8.5424
YIQ	68.4690, -29.6620, -13.1020

Conversions

Conversions Part 2

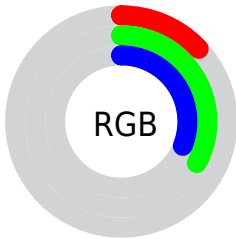
Format	Color
R_{YB}	32, 60, 85
Decimal	2118991
CIE Lab	32.63, -19.13, -1.77
CIE LCh	33, 19.216, 185.289
Yxy	7.3686, 0.2483, 0.3481
Android (android.graphics.Color)	4280309071 (0xFF20554F)
YUV	68.4690, 5.1918, -31.9833
Hunter-Lab	27.1451, -12.9454, 0.3434

Details

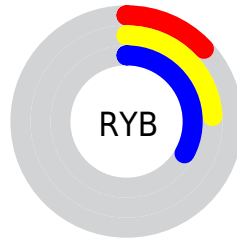
The Hex color **20554F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **552026**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **538780**, and **002723** is the 20% darker color. If you saturate the color by 10%, you get **18554E**, and if you desaturate by 10%, it is **285550**.

Distribution



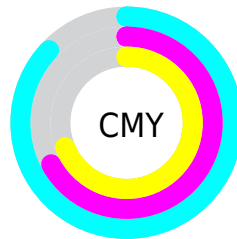
- Red (13%)
- Green (33%)
- Blue (31%)



- Red (13%)
- Yellow (24%)
- Blue (33%)



- Cyan (62%)
- Magenta (0%)
- Yellow (7%)
- Black (67%)



- Cyan (87%)
- Magenta (67%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20554F 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 20554F by changing the saturation by 10% instead.

■ 20554F

■ 20554F

FFFFFF

■ 013E38

■ 538780

■ 002723

■ 6CA19A

■ 00110D

■ 87BCB5

■ 000000

■ A2D8D0

■ BDF5ED

■ DAFFFF

■ F6FFFF

■ 20554F

■ 20554F

■ 18554E

■ 285550

■ 0F554D

■ 315551

■ 07554C

■ 395552

■ 00554B

■ 425553

■ 4A5554

■ 535555

■ 5B5556

■ 645557

■ 6C5558

Harmonies

Analogous

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



325440



20554F



17545E

Triad

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



20554F



524865



624832

Complementary

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



20554F



552026

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.



69433C



20554F



62435A

Square

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



20554F



3C4D6B



6A414B



544D2E

Rectangle

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



20554F



1E5365



6A414B



654634

Sweetspot

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



20554F



596E6B



265520



2B3837



B8B8B8



383838

Same Dimension

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



20554F



1B6E64



204155



272B2B



006B5F



00EBD0

Inverse Universe

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



552026



6E1B25



553420



2B2728



6B000C



EB001B

Previews

White Background



This preview shows how the Hex color 20554F looks on a white background.

Color Contrast Check

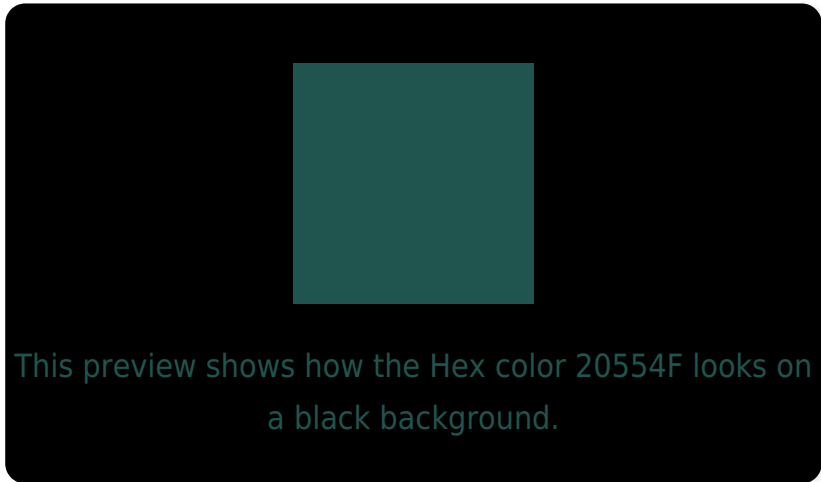
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

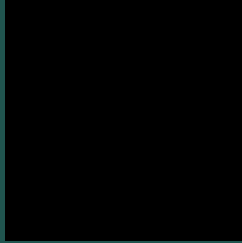
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 20554F Background



This preview shows how black text looks on a background with the Hex color 20554F.



This preview shows how white text looks on a background with the Hex color 20554F.

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](#).

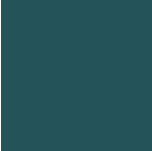
Dichromacy



Original Color
20554F

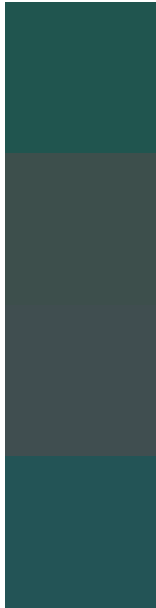
Protanopia
4E4C4A

Deuteranopia
524A51



Tritanopia
25535A

Trichromacy



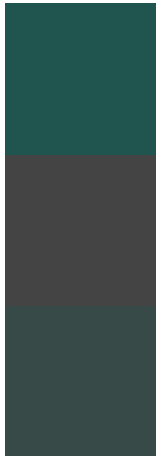
Original Color
20554F

Protanomaly
3D4F4C

Deuteranomaly
404E50

Tritanomaly
235456

Monochromacy



Original Color
20554F

Achromatopsia
444444

Achromatomaly
374A48

CSS Examples

Text

The CSS property to change the color of the text to Hex 20554F 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 #20554F looks like.

```
.text, #text, p{  
    color:#20554F  
}
```

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 #20554F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20554F
}
```

Border

The CSS property to change the border of an element to Hex 20554F 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".

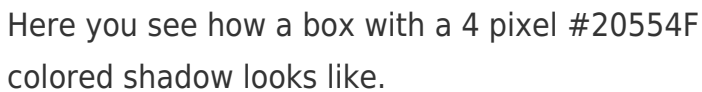
```
.border, #border, table{ border:4px solid
#20554F }
```

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

```
.border{ border-color:#20554F }
```

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

Here you see how a box with a 4 pixel #20554F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20554F; -webkit-box-shadow:4px 4px  
4px 4px #20554F; box-shadow:4px 4px 4px  
4px #20554F }
```

Background

The CSS property to change the background color of an element to Hex 20554F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20554F }
```

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

```
.background{ background-color:#20554F }
```

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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