

Converting Colors

Hex(20563E)

Have a look what the booklet for
Hex(20563E) contains.

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Color

Hex(20563E)

Conversions

Conversions Part 1

Format	Color
Hex	20563E
RGB	32, 86, 62
RGB Percent	13%, 34%, 24%
CMY	0.8745, 0.6627, 0.7569
CMYK	0.63, 0.00, 0.28, 0.66
HSL	153°, 46%, 23%
HSV	153°, 63%, 34%
XYZ	4.7930, 7.3105, 5.7159
YIQ	67.1180, -24.4800, -18.9120

Conversions

Conversions Part 2

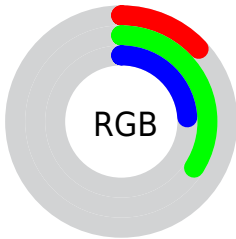
Format	Color
R_{YB}	32, 67, 86
Decimal	2119230
CIE Lab	32.50, -24.34, 8.74
CIE LCh	33, 25.863, 160.249
Yxy	7.3105, 0.2690, 0.4103
Android (android.graphics.Color)	4280309310 (0xFF20563E)
YUV	67.1180, -2.5232, -30.7985
Hunter-Lab	27.0379, -15.6738, 6.3924

Details

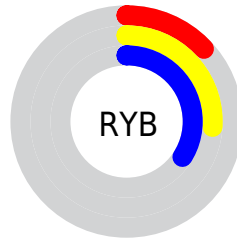
The Hex color **20563E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **562038**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **52886E**, and **002814** is the 20% darker color. If you saturate the color by 10%, you get **17563A**, and if you desaturate by 10%, it is **295642**.

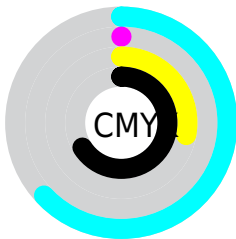
Distribution



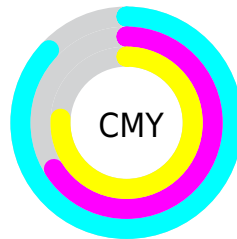
- Red (13%)
- Green (34%)
- Blue (24%)



- Red (13%)
- Yellow (26%)
- Blue (34%)



- Cyan (63%)
- Magenta (0%)
- Yellow (28%)
- Black (66%)



- Cyan (87%)
- Magenta (66%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20563E 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 20563E by changing the saturation by 10% instead.

 20563E

 20563E

FFFFFF

 033E28

 52886E

 002814

 6CA387

 001000

 86BEA1

 000000

 A1DABC

 BCF6D8

 D8FFF4

 F5FFFF

 20563E

 20563E

■ 17563A

■ 295642

■ 0F5636

■ 315646

■ 065633

■ 3A5649

■ 005630

■ 42564D

■ 4B5651

■ 545655

■ 5C5659

■ 65565D

■ 6D5660

Harmonies

Analogous

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



3C532C



20563E



005753

Triad

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



20563E



384C74



704033

Complementary

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



20563E



562038

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.



733C46



20563E



57446C

Square

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



20563E



015272



6B3E5B



644726

Rectangle

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



20563E



005760



6B3E5B



723E39

Sweetspot

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



20563E



5B7067



385620



2B3832



B8B8B8



383838

Same Dimension

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



20563E



1C704B



205356



272B29



006B3B



00EB82

Inverse Universe

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



562038



701C41



562320



2B2729



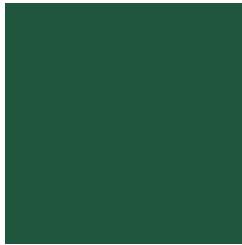
6B0030



EB0068

Previews

White Background



This preview shows how the Hex color 20563E looks on a white background.

Color Contrast Check

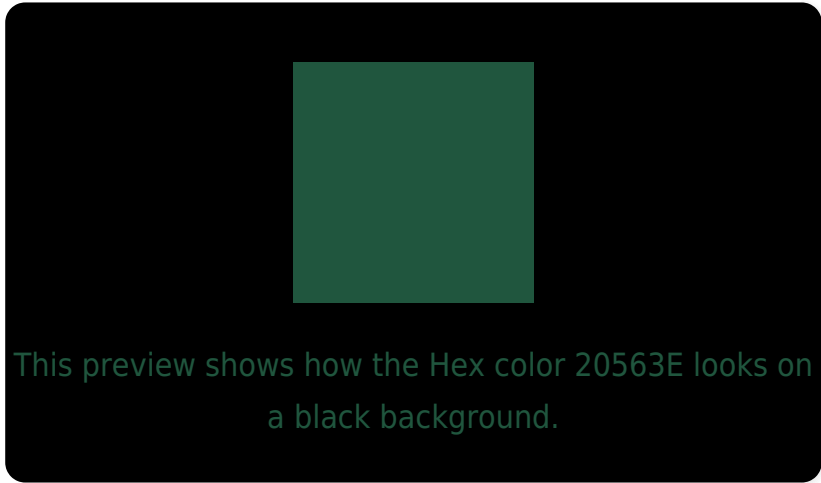
Large Text (above 18pt) WCAG AA ✓ Pass

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

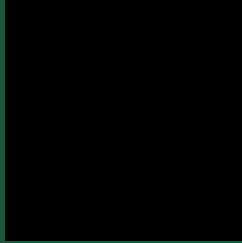
Any Text WCAG AA × Fail

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 20563E Background



This preview shows how black text looks on a background with the Hex color 20563E.



This preview shows how white text looks on a background with the Hex color 20563E.

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](#).

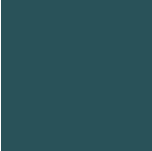
Dichromacy



Original Color
20563E

Protanopia
524C39

Deuteranopia
584941



Tritanopia
295259

Trichromacy



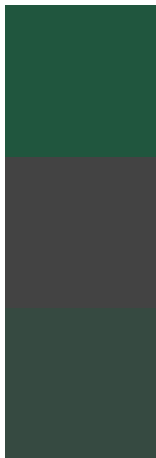
Original Color
20563E

Protanomaly
40503B

Deuteranomaly
444E40

Tritanomaly
26534F

Monochromacy



Original Color
20563E

Achromatopsia
434343

Achromatomaly
364A41

CSS Examples

Text

The CSS property to change the color of the text to Hex 20563E 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 #20563E looks like.

```
.text, #text, p{  
    color:#20563E  
}
```

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 #20563E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20563E
}
```

Border

The CSS property to change the border of an element to Hex 20563E 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".

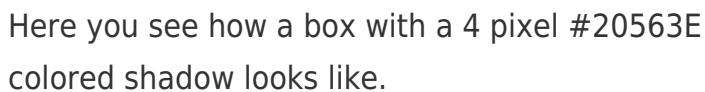
```
.border, #border, table{ border:4px solid
#20563E }
```

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

```
.border{ border-color:#20563E }
```

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

Here you see how a box with a 4 pixel #20563E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20563E; -webkit-box-shadow:4px 4px  
4px 4px #20563E; box-shadow:4px 4px 4px  
4px #20563E }
```

Background

The CSS property to change the background color of an element to Hex 20563E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20563E }
```

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

```
.background{ background-color:#20563E }
```

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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