

Converting Colors

Hex(20565E)

Have a look what the booklet for
Hex(20565E) contains.

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Color

Hex(20565E)

Conversions

Conversions Part 1

Format	Color
Hex	20565E
RGB	32, 86, 94
RGB Percent	13%, 34%, 37%
CMY	0.8745, 0.6627, 0.6314
CMYK	0.66, 0.09, 0.00, 0.63
HSL	188°, 49%, 25%
HSV	188°, 66%, 37%
XYZ	5.9438, 7.7708, 11.7763
YIQ	70.7660, -34.7520, -8.9600

Conversions

Conversions Part 2

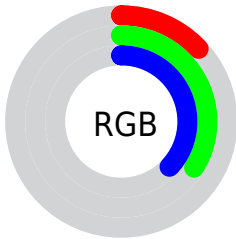
Format	Color
R_{YB}	32, 61, 94
Decimal	2119262
CIE Lab	33.50, -14.90, -9.94
CIE LCh	34, 17.916, 213.711
Yxy	7.7708, 0.2332, 0.3048
Android (android.graphics.Color)	4280309342 (0xFF20565E)
YUV	70.7660, 11.4544, -33.9978
Hunter-Lab	27.8762, -10.7230, -5.5338

Details

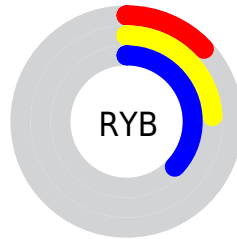
The Hex color **20565E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E2820**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **548890**, and **002930** is the 20% darker color. If you saturate the color by 10%, you get **17555E**, and if you desaturate by 10%, it is **29575E**.

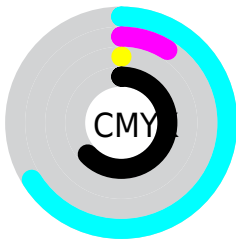
Distribution



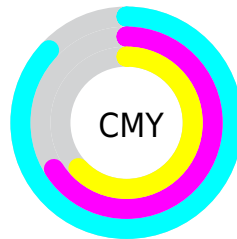
- Red (13%)
- Green (34%)
- Blue (37%)



- Red (13%)
- Yellow (24%)
- Blue (37%)



- Cyan (66%)
- Magenta (9%)
- Yellow (0%)
- Black (63%)



- Cyan (87%)
- Magenta (66%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20565E 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 20565E by changing the saturation by 10% instead.

■ 20565E

■ 20565E

FFFFFF

■ 003F46

■ 548890

■ 002930

■ 6EA2AB

■ 00151B

■ 89BDC6

■ 000000

■ A4D9E2

■ C0F6FF

■ DCFFFF

■ FAFFFF

■ 20565E

■ 20565E

■ 17555E

■ 29575E

■ 0D545E

■ 33585E

■ 04525E

■ 3C5A5E

■ 00525E

■ 465B5E

■ 4F5C5E

■ 585D5E

■ 625E5E

■ 6B605E

■ 75615E

Harmonies

Analogous

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



275750



20565E



2A5468

Triad

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



20565E



62465C



574E32

Complementary

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



20565E



5E2820

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.



634A36



20565E



6A444E

Square

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



20565E



534A66



6A4640



485337

Rectangle

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



20565E



37516B



6A4640



5B4D33

Sweetspot

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



20565E



62777A



205E27



2F3B3D



BDBDBD



3D3D3D

Same Dimension

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



20565E



1A6E7A



20385E



292D2E



00606E



00CFED

Inverse Universe

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



5E2056



7A1A6E



5E4620



2E292D



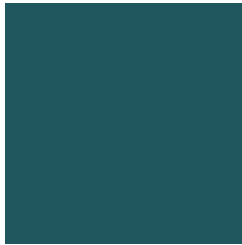
6E0060



ED00CF

Previews

White Background



This preview shows how the Hex color 20565E looks on a white background.

Color Contrast Check

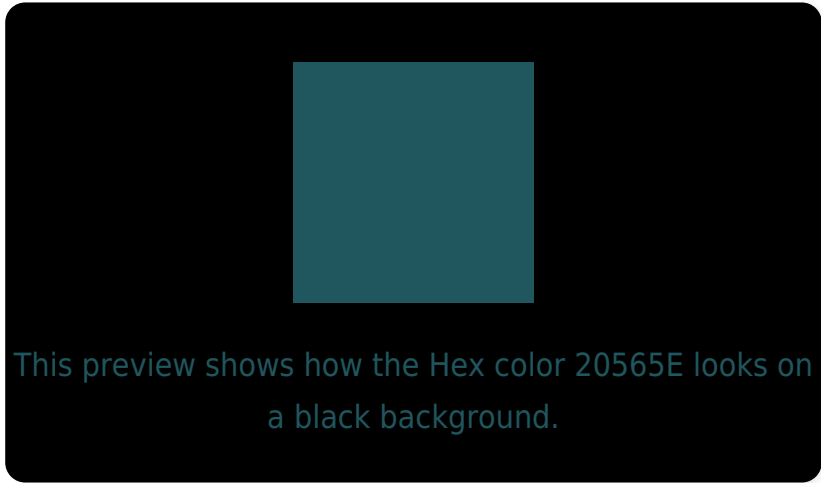
Large Text (above 18pt) WCAG AA ✓ Pass

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

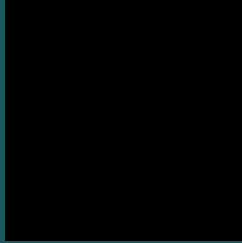
Any Text WCAG AA × Fail

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 20565E Background



This preview shows how black text looks on a background with the Hex color 20565E.

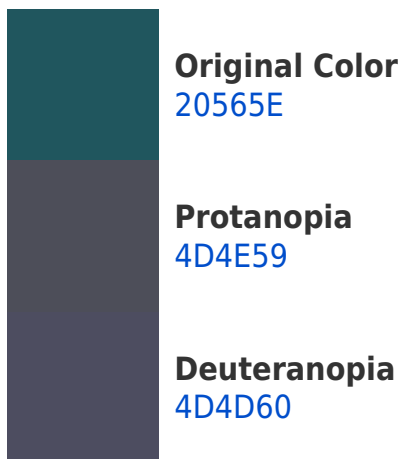


This preview shows how white text looks on a background with the Hex color 20565E.

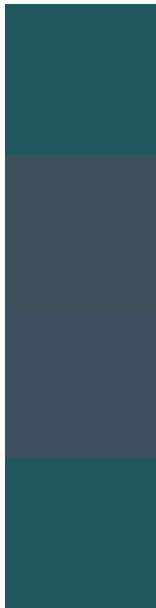
Color Blindness Simulation

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



Trichromacy



Original Color
20565E

Protanomaly
3D515B

Deuteranomaly
3D505F

Tritanomaly
20565D

Monochromacy



Original Color
20565E

Achromatopsia
474747

Achromatomaly
394C4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 20565E 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 #20565E looks like.

```
.text, #text, p{  
    color:#20565E  
}
```

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 #20565E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20565E
}
```

Border

The CSS property to change the border of an element to Hex 20565E 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".

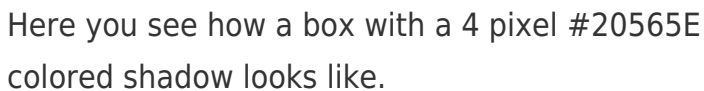
```
.border, #border, table{ border:4px solid
#20565E }
```

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

```
.border{ border-color:#20565E }
```

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

Here you see how a box with a 4 pixel #20565E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20565E; -webkit-box-shadow:4px 4px  
4px 4px #20565E; box-shadow:4px 4px 4px  
4px #20565E }
```

Background

The CSS property to change the background color of an element to Hex 20565E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20565E }
```

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

```
.background{ background-color:#20565E }
```

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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