

Converting Colors

Hex(20535E)

Have a look what the booklet for
Hex(20535E) contains.

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Color

Hex(20535E)

Conversions

Conversions Part 1

Format	Color
Hex	20535E
RGB	32, 83, 94
RGB Percent	13%, 33%, 37%
CMY	0.8745, 0.6745, 0.6314
CMYK	0.66, 0.12, 0.00, 0.63
HSL	191°, 49%, 25%
HSV	191°, 66%, 37%
XYZ	5.7093, 7.3017, 11.6981
YIQ	69.0050, -33.9270, -7.3910

Conversions

Conversions Part 2

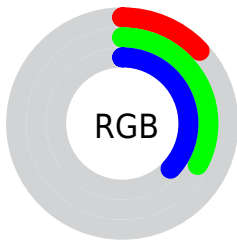
Format	Color
R_{YB}	32, 60, 94
Decimal	2118494
CIE _{Lab}	32.48, -13.17, -11.49
CIE _{LCh}	32, 17.471, 221.099
Yxy	7.3017, 0.2311, 0.2955
Android (android.graphics.Color)	4280308574 (0xFF20535E)
YUV	69.0050, 12.3225, -32.4534
Hunter-Lab	27.0217, -9.5736, -6.7524

Details

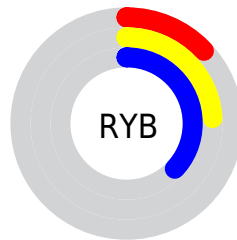
The Hex color **20535E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E2B20**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **548590**, and **002630** is the 20% darker color. If you saturate the color by 10%, you get **17515E**, and if you desaturate by 10%, it is **29555E**.

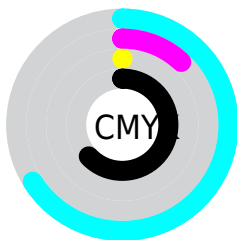
Distribution



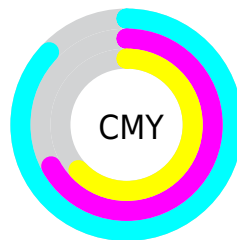
- Red (13%)
- Green (33%)
- Blue (37%)



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



- Cyan (66%)
- Magenta (12%)
- Yellow (0%)
- Black (63%)



- Cyan (87%)
- Magenta (67%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20535E 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 20535E by changing the saturation by 10% instead.

 20535E

 20535E

FFFFFF

 003C46

 548590

 002630

 6E9FAB

 00111B

 89BAC6

 000000

 A4D5E2

 C0F2FF

 DCFFFF

 F9FFFF

 20535E

 20535E

■ 17515E

■ 29555E

■ 0D505E

■ 33565E

■ 044E5E

■ 3C585E

■ 004D5E

■ 465A5E

■ 4F5B5E

■ 585D5E

■ 625F5E

■ 6B605E

■ 75625E

Harmonies

Analogous

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



235451



20535E



2D5066

Triad

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



20535E



624356



514D31

Complementary

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



20535E



5E2B20

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.



5E4933



20535E



684248

Square

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



20535E



554761



66443B



425137

Rectangle

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



20535E



3B4E68



66443B



564C31

Sweetspot

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



20535E



62767A



205E2A



2F3B3D



BDBDBD



3D3D3D

Same Dimension

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



20535E



1A697A



20355E



292D2E



005A6E



00C3ED

Inverse Universe

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



5E2053



7A1A69



5E4920



2E292D



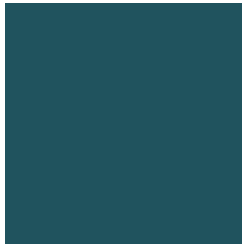
6E005A



ED00C3

Previews

White Background



This preview shows how the Hex color 20535E looks on a white background.

Color Contrast Check

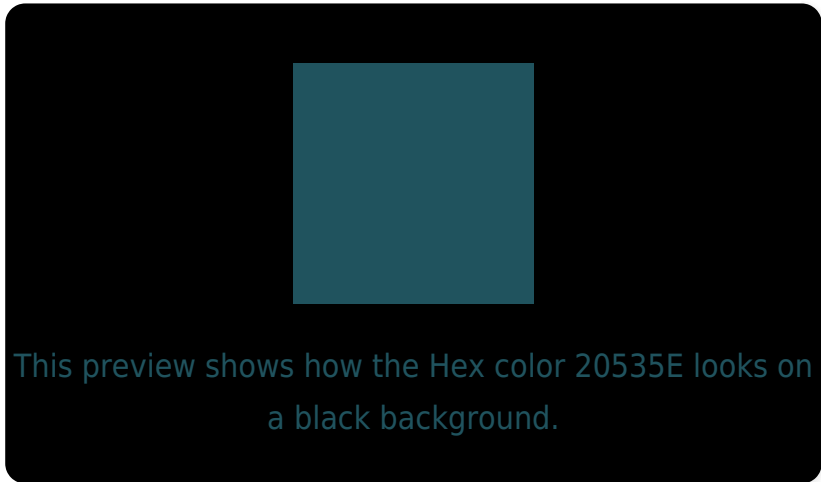
Large Text (above 18pt) WCAG AA ✓ Pass

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

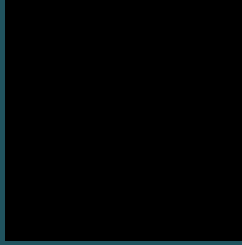
Any Text WCAG AA × Fail

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 20535E Background



This preview shows how black text looks on a background with the Hex color 20535E.



This preview shows how white text looks on a background with the Hex color 20535E.

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](#).

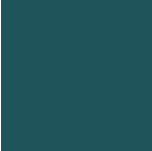
Dichromacy



Original Color
20535E

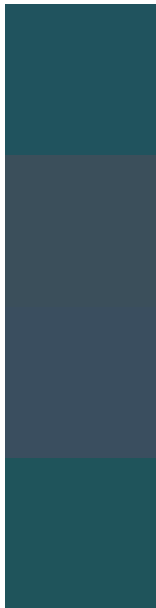
Protanopia
4A4C59

Deuteranopia
494B60



Tritanopia
1E545A

Trichromacy



Original Color
20535E

Protanomaly
3B4F5B

Deuteranomaly
3A4E5F

Tritanomaly
1F545B

Monochromacy



Original Color
20535E

Achromatopsia
454545

Achromatomaly
384A4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 20535E 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 #20535E looks like.

```
.text, #text, p{  
    color:#20535E  
}
```

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 #20535E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20535E
}
```

Border

The CSS property to change the border of an element to Hex 20535E 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
#20535E }
```

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

```
.border{ border-color:#20535E }
```

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

Here you see how a box with a 4 pixel #20535E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20535E; -webkit-box-shadow:4px 4px  
4px 4px #20535E; box-shadow:4px 4px 4px  
4px #20535E }
```

Background

The CSS property to change the background color of an element to Hex 20535E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20535E }
```

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

```
.background{ background-color:#20535E }
```

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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