

Converting Colors

Hex(20535D)

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

Hex(20535D)	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(20535D)

Conversions

Conversions Part 1

Format	Color
Hex	20535D
RGB	32, 83, 93
RGB Percent	13%, 33%, 36%
CMY	0.8745, 0.6745, 0.6353
CMYK	0.66, 0.11, 0.00, 0.64
HSL	190°, 49%, 25%
HSV	190°, 66%, 36%
XYZ	5.6647, 7.2839, 11.4633
YIQ	68.8910, -33.6060, -7.7020

Conversions

Conversions Part 2

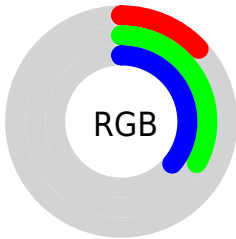
Format	Color
R_{YB}	32, 60, 93
Decimal	2118493
CIE _{Lab}	32.44, -13.51, -10.91
CIE _{LCh}	32, 17.364, 218.936
Yxy	7.2839, 0.2320, 0.2984
Android (android.graphics.Color)	4280308573 (0xFF20535D)
YUV	68.8910, 11.8857, -32.3534
Hunter-Lab	26.9887, -9.7646, -6.2910

Details

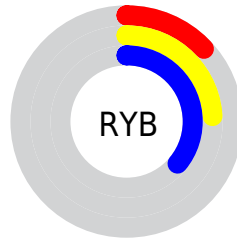
The Hex color **20535D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5D2A20**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **54858F**, and **00262F** is the 20% darker color. If you saturate the color by 10%, you get **17515D**, and if you desaturate by 10%, it is **29555D**.

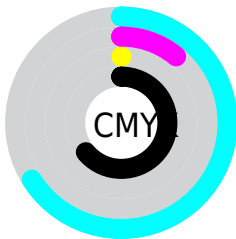
Distribution



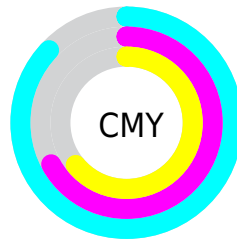
- Red (13%)
- Green (33%)
- Blue (36%)



- Red (13%)
- Yellow (24%)
- Blue (36%)



- Cyan (66%)
- Magenta (11%)
- Yellow (0%)
- Black (64%)



- Cyan (87%)
- Magenta (67%)
- Yellow (64%)

Brightness & Saturation Gradients

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

■ 20535D

■ 20535D

FFFFFF

■ 003C45

■ 54858F

■ 00262F

■ 6E9FAA

■ 00111B

■ 88BAC5

■ 000000

■ A4D6E1

■ BFF2FE

■ DCFFFF

■ F9FFFF

■ 20535D

■ 20535D

■ 17515D

■ 29555D

■ 0D505D

■ 33565D

■ 044E5D

■ 3C585D

■ 004E5D

■ 45595D

■ 4E5B5D

■ 585C5D

■ 615E5D

■ 6A5F5D

■ 74615D

Harmonies

Analogous

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



245450



20535D



2C5065

Triad

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



20535D



614356



524D31

Complementary

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



20535D



5D2A20

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.



5E4833



20535D



674249

Square

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



20535D



534762



66443C



435137

Rectangle

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



20535D



3A4E67



66443C



564B31

Sweetspot

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



20535D



607478



205D29



2F3B3D



BDBDBD



3D3D3D

Same Dimension

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



20535D



196878



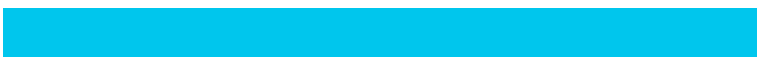
20355D



292D2E



005C6E



00C6ED

Inverse Universe

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



5D2053



781968



5D4820



2E292D



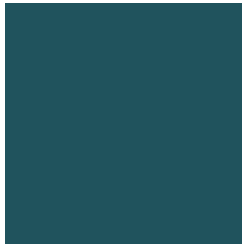
6E005C



ED00C6

Previews

White Background



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

Color Contrast Check

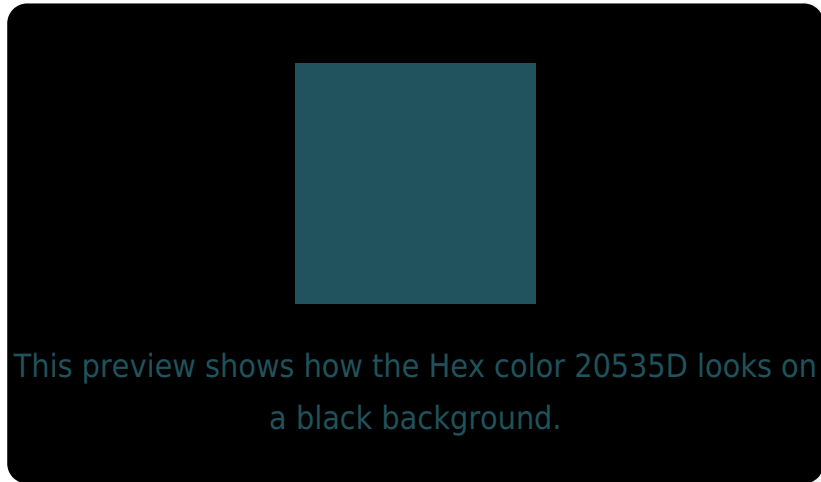
Large Text (above 18pt) WCAG AA ✓ Pass

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

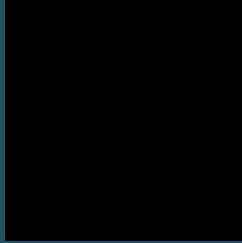
Any Text WCAG AA × Fail

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 20535D Background



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

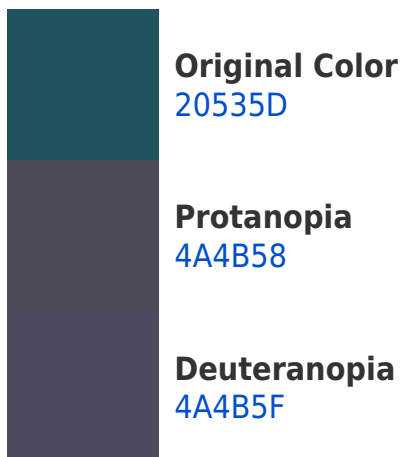


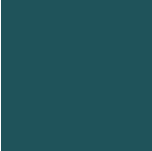
This preview shows how white text looks on a background with the Hex color 20535D.

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](#).

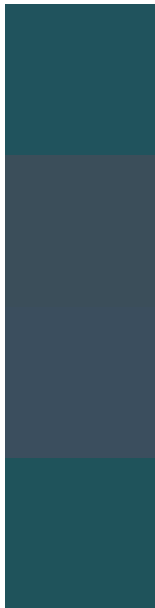
Dichromacy





Tritanopia
1F535A

Trichromacy



Original Color
20535D

Protanomaly
3B4E5A

Deuteranomaly
3B4E5E

Tritanomaly
1F535B

Monochromacy



Original Color
20535D

Achromatopsia
454545

Achromatomaly
384A4E

CSS Examples

Text

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

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

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 #20535D colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 20535D 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".

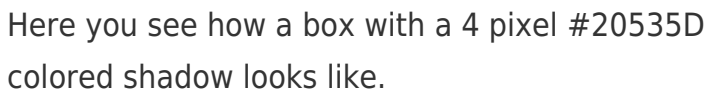
```
.border, #border, table{ border:4px solid
#20535D }
```

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

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

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

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



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

Background

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

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

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

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

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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