

Converting Colors

Hex(20515A)

Have a look what the booklet for
Hex(20515A) contains.

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Color

Hex(20515A)

Conversions

Conversions Part 1

Format	Color
Hex	20515A
RGB	32, 81, 90
RGB Percent	13%, 32%, 35%
CMY	0.8745, 0.6824, 0.6471
CMYK	0.64, 0.10, 0.00, 0.65
HSL	189°, 48%, 24%
HSV	189°, 64%, 35%
XYZ	5.3836, 6.9301, 10.7268
YIQ	67.3750, -32.0930, -7.5890

Conversions

Conversions Part 2

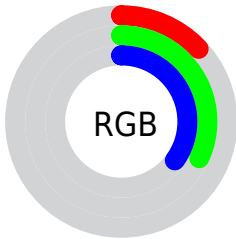
Format	Color
R _Y B	32, 59, 90
Decimal	2117978
CIE Lab	31.65, -13.36, -10.22
CIE LCh	32, 16.818, 217.423
Yxy	6.9301, 0.2337, 0.3008
Android (android.graphics.Color)	4280308058 (0xFF20515A)
YUV	67.3750, 11.1541, -31.0239
Hunter-Lab	26.3251, -9.5652, -5.7315

Details

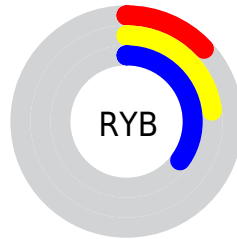
The Hex color **20515A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5A2920**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **53828C**, and **00242C** is the 20% darker color. If you saturate the color by 10%, you get **17505A**, and if you desaturate by 10%, it is **29525A**.

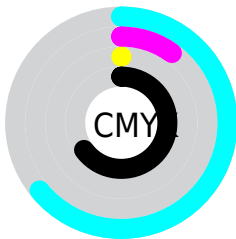
Distribution



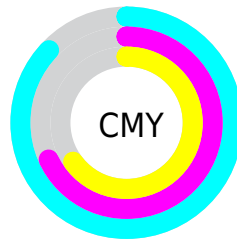
- Red (13%)
- Green (32%)
- Blue (35%)



- Red (13%)
- Yellow (23%)
- Blue (35%)



- Cyan (64%)
- Magenta (10%)
- Yellow (0%)
- Black (65%)



- Cyan (87%)
- Magenta (68%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20515A 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 20515A by changing the saturation by 10% instead.

■ 20515A

■ 20515A

FFFFFF

■ 003A43

■ 53828C

■ 00242C

■ 6D9DA6

■ 000C18

■ 88B7C2

■ 000000

■ A3D3DD

■ BEF0FA

■ DBFFFF

■ F8FFFF

■ 20515A

■ 20515A

■ 17505A

■ 29525A

■ 0E4E5A

■ 32545A

■ 054D5A

■ 3B555A

■ 004C5A

■ 44575A

■ 4D585A

■ 56595A

■ 5F5B5A

■ 685C5A

■ 715E5A

Harmonies

Analogous

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



25524D



20515A



2B4F62

Triad

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



20515A



5E4255



504B30

Complementary

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



20515A



5A2920

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.



5C4632



20515A



644148

Square

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



20515A



51465F



63423B



424E35

Rectangle

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



20515A



374C65



63423B



554930

Sweetspot

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



20515A



5F7275



205A29



2D393B



BABABA



3B3B3B

Same Dimension

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



20515A



1B6775



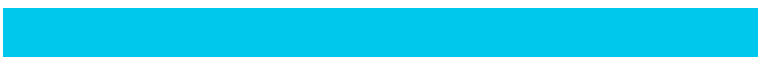
20345A



292D2E



005D6E



00C8ED

Inverse Universe

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



5A2051



751B67



5A4620



2E292D



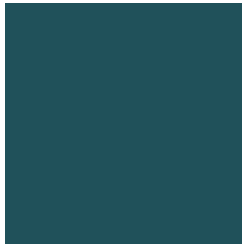
6E005D



ED00C8

Previews

White Background



This preview shows how the Hex color 20515A looks on a white background.

Color Contrast Check

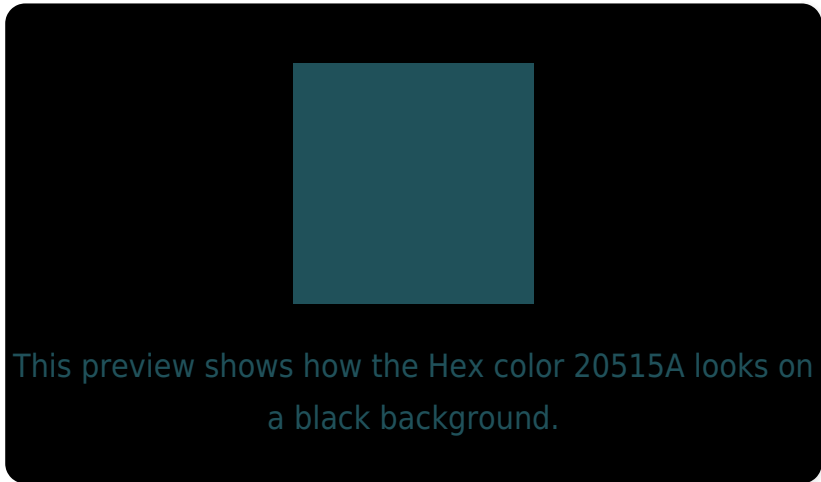
Large Text (above 18pt) WCAG AA ✓ Pass

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

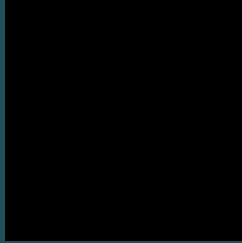
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

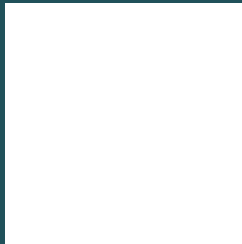
Any Text WCAG AAA × Fail

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

Hex 20515A Background



This preview shows how black text looks on a background with the Hex color 20515A.



This preview shows how white text looks on a background with the Hex color 20515A.

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
20515A

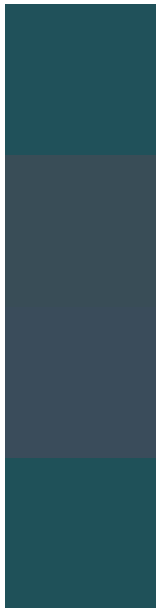
Protanopia
484A55

Deuteranopia
49495C



Tritanopia
1F5158

Trichromacy



Original Color
20515A

Protanomaly
394D57

Deuteranomaly
3A4C5B

Tritanomaly
1F5159

Monochromacy



Original Color
20515A

Achromatopsia
434343

Achromatomaly
36484B

CSS Examples

Text

The CSS property to change the color of the text to Hex 20515A 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 #20515A looks like.

```
.text, #text, p{  
    color:#20515A  
}
```

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 #20515A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20515A
}
```

Border

The CSS property to change the border of an element to Hex 20515A 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".

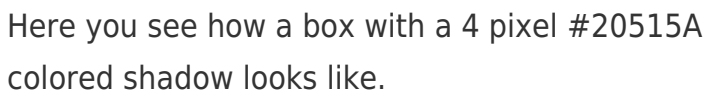
```
.border, #border, table{ border:4px solid
#20515A }
```

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

```
.border{ border-color:#20515A }
```

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

Here you see how a box with a 4 pixel #20515A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20515A; -webkit-box-shadow:4px 4px  
4px 4px #20515A; box-shadow:4px 4px 4px  
4px #20515A }
```

Background

The CSS property to change the background color of an element to Hex 20515A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20515A }
```

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

```
.background{ background-color:#20515A }
```

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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