

Converting Colors

Hex(21435B)

Have a look what the booklet for
Hex(21435B) contains.

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Color

Hex(21435B)

Conversions

Conversions Part 1

Format	Color
Hex	21435B
RGB	33, 67, 91
RGB Percent	13%, 26%, 36%
CMY	0.8706, 0.7373, 0.6431
CMYK	0.64, 0.26, 0.00, 0.64
HSL	205°, 47%, 24%
HSV	205°, 64%, 36%
XYZ	4.5227, 5.0930, 10.6422
YIQ	59.5700, -27.9680, 0.2560

Conversions

Conversions Part 2

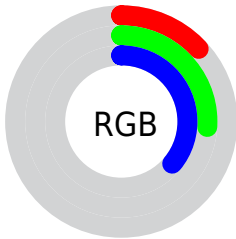
Format	Color
R_YB	33, 54, 91
Decimal	2179931
CIE _{Lab}	27.00, -4.15, -17.99
CIE _{LCh}	27, 18.465, 257.008
Yxy	5.0930, 0.2233, 0.2514
Android (android.graphics.Color)	4280370011 (0xFF21435B)
YUV	59.5700, 15.4950, -23.3019
Hunter-Lab	22.5676, -3.7209, -12.1620

Details

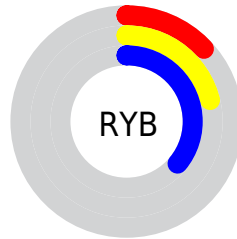
The Hex color **21435B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5B3921**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **53738D**, and **00192D** is the 20% darker color. If you saturate the color by 10%, you get **183F5B**, and if you desaturate by 10%, it is **2A475B**.

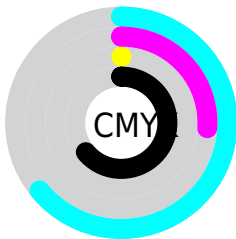
Distribution



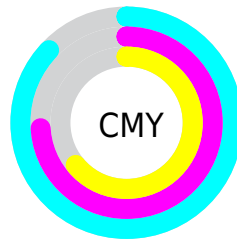
- Red (13%)
- Green (26%)
- Blue (36%)



- Red (13%)
- Yellow (21%)
- Blue (36%)



- Cyan (64%)
- Magenta (26%)
- Yellow (0%)
- Black (64%)



- Cyan (87%)
- Magenta (74%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21435B 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 21435B by changing the saturation by 10% instead.

■ 21435B

■ 21435B

FFFFFF

■ 032D43

■ 53738D

■ 00192D

■ 6D8CA8

■ 000119

■ 87A7C3

■ 000000

■ A2C2DF

■ BEDEFC

■ DAFAFF

■ F7FFFF

■ 21435B

■ 21435B

■ 183F5B

■ 2A475B

■ 0F3B5B

■ 334B5B

■ 06385B

■ 3C4E5B

■ 00355B

■ 45525B

■ 4F565B

■ 585A5B

■ 615D5B

■ 6A615B

■ 73655B

Harmonies

Analogous

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



0A4654



21435B



383E5B

Triad

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



21435B



5B3538



31452C

Complementary

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



21435B



5B3921

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.



414124



21435B



58382C

Square

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



21435B



573647



4F3D24



1F4739

Rectangle

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



21435B



463B56



4F3D24



374429

Sweetspot

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



21435B



5F6C75



215B38



2D353B



BABABA



3B3B3B

Same Dimension

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



21435B



1C5075



21275B



292C2E



00406E



008BED

Inverse Universe

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



5B2143



751C50



5B5521



2E292C



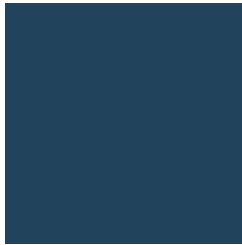
6E0040



ED008B

Previews

White Background



This preview shows how the Hex color 21435B looks on a white background.

Color Contrast Check

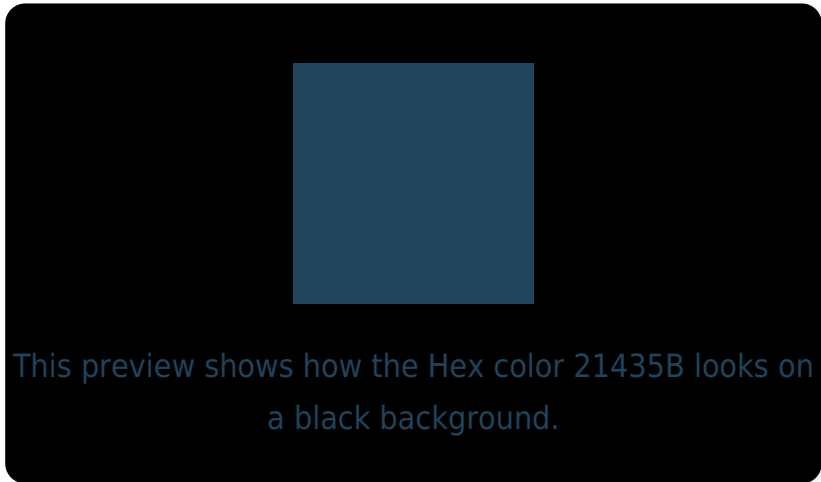
Large Text (above 18pt) WCAG AA ✓ Pass

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

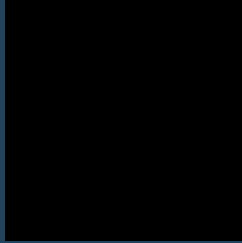
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

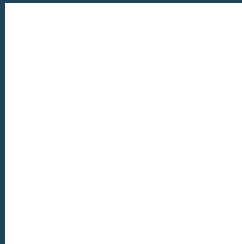
Any Text WCAG AAA × Fail

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

Hex 21435B Background



This preview shows how black text looks on a background with the Hex color 21435B.



This preview shows how white text looks on a background with the Hex color 21435B.

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](#).

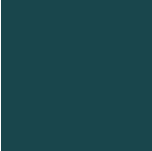
Dichromacy



Original Color
21435B

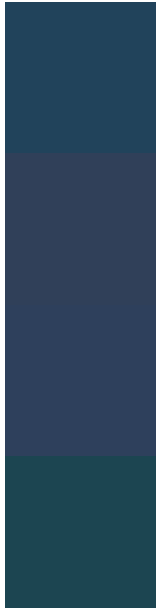
Protanopia
383F58

Deuteranopia
353F5C



Tritanopia
19464C

Trichromacy



Original Color
21435B

Protanomaly
304059

Deuteranomaly
2E405C

Tritanomaly
1C4551

Monochromacy



Original Color
21435B

Achromatopsia
3C3C3C

Achromatomaly
323F47

CSS Examples

Text

The CSS property to change the color of the text to Hex 21435B 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 #21435B looks like.

```
.text, #text, p{  
    color:#21435B  
}
```

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 #21435B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21435B
}
```

Border

The CSS property to change the border of an element to Hex 21435B 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
#21435B }
```

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

```
.border{ border-color:#21435B }
```

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

Here you see how a box with a 4 pixel #21435B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21435B; -webkit-box-shadow:4px 4px  
4px 4px #21435B; box-shadow:4px 4px 4px  
4px #21435B }
```

Background

The CSS property to change the background color of an element to Hex 21435B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21435B }
```

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

```
.background{ background-color:#21435B }
```

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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