

Converting Colors

Hex(21284C)

Have a look what the booklet for
Hex(21284C) contains.

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Color

Hex(21284C)

Conversions

Conversions Part 1

Format	Color
Hex	21284C
RGB	33, 40, 76
RGB Percent	13%, 16%, 30%
CMY	0.8706, 0.8431, 0.7020
CMYK	0.57, 0.47, 0.00, 0.70
HSL	230°, 39%, 21%
HSV	230°, 57%, 30%
XYZ	2.6905, 2.3627, 7.1517
YIQ	42.0110, -15.7280, 9.7120

Conversions

Conversions Part 2

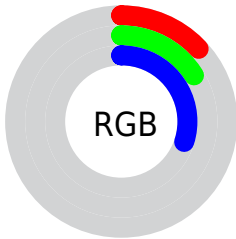
Format	Color
R_{YB}	33, 39, 76
Decimal	2173004
CIE _{Lab}	17.29, 8.91, -23.31
CIE _{LCh}	17, 24.950, 290.919
Yxy	2.3627, 0.2204, 0.1936
Android (android.graphics.Color)	4280363084 (0xFF21284C)
YUV	42.0110, 16.7566, -7.9026
Hunter-Lab	15.3711, 4.3444, -16.8260

Details

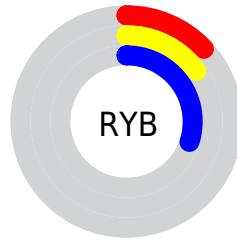
The Hex color **21284C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4C4521**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **51557D**, and **000220** is the 20% darker color. If you saturate the color by 10%, you get **19224C**, and if you desaturate by 10%, it is **292E4C**.

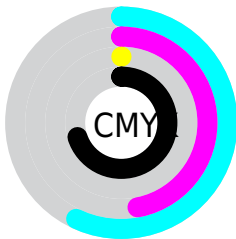
Distribution



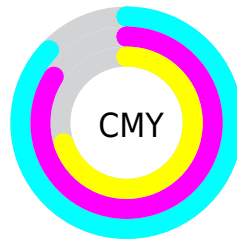
- Red (13%)
- Green (16%)
- Blue (30%)



- Red (13%)
- Yellow (15%)
- Blue (30%)



- Cyan (57%)
- Magenta (47%)
- Yellow (0%)
- Black (70%)



- Cyan (87%)
- Magenta (84%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21284C 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 21284C by changing the saturation by 10% instead.

■ 21284C

■ 21284C

FFFFFF

■ 081435

■ 51557D

■ 000220

■ 6A6D97

■ 000003

■ 8486B2

■ 000000

■ 9EA0CE

■ B9BBEA

■ D5D7FF

■ F2F4FF

■ 21284C

■ 21284C

■ 19224C

■ 292E4C

■ 121B4C

■ 30354C

■ 0A154C

■ 383B4C

■ 030F4C

■ 3F414C

■ 000C4C

■ 47484C

■ 4F4E4C

■ 56554C

■ 5E5B4C

■ 65614C

Harmonies

Analogous

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



002E4E



21284C



3B2041

Triad

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



21284C



45210F



003324

Complementary

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



21284C



4C4521

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.



123113



21284C



392801

Square

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



21284C



4B1B1F



282D03



003337

Rectangle

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



21284C



451C37



282D03



00321E

Sweetspot

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



21284C



535563



214C45



292A33



B3B3B3



333333

Same Dimension

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



21284C



202B63



2F214C



222326



001166



0025E6

Inverse Universe

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



4C2128



63202B



3E4C21



262223



660011



E60025

Previews

White Background



This preview shows how the Hex color 21284C looks on a white background.

Color Contrast Check

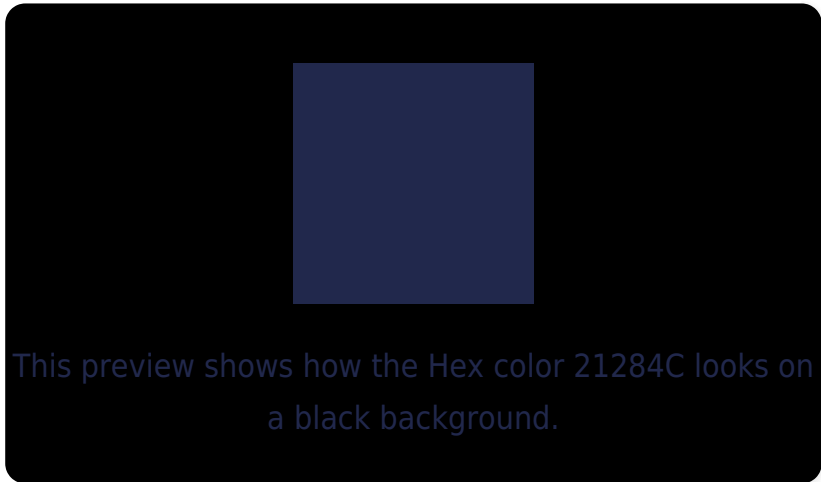
Large Text (above 18pt) WCAG AA ✓ Pass

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

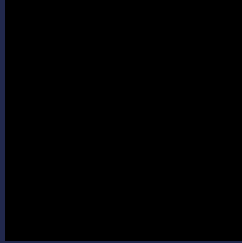
Any Text WCAG AA × Fail

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 21284C Background



This preview shows how black text looks on a background with the Hex color 21284C.



This preview shows how white text looks on a background with the Hex color 21284C.

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

21284C

Protanopia

19294D

Deuteranopia

0E2B4B



Tritanopia
172E32

Trichromacy



Original Color
21284C

Protanomaly
1C294D

Deuteranomaly
152A4B

Tritanomaly
1B2C3B

Monochromacy



Original Color
21284C

Achromatopsia
2A2A2A

Achromatomaly
272936

CSS Examples

Text

The CSS property to change the color of the text to Hex 21284C 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 #21284C looks like.

```
.text, #text, p{  
    color:#21284C  
}
```

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 #21284C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21284C  
}
```

Border

The CSS property to change the border of an element to Hex 21284C 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  
#21284C }
```

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

```
.border{ border-color:#21284C }
```

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

Here you see how a box with a 4 pixel #21284C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21284C; -webkit-box-shadow:4px 4px  
4px 4px #21284C; box-shadow:4px 4px 4px  
4px #21284C }
```

Background

The CSS property to change the background color of an element to Hex 21284C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21284C }
```

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

```
.background{ background-color:#21284C }
```

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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