

Converting Colors

Hex(21324E)

Have a look what the booklet for
Hex(21324E) contains.

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Color

Hex(21324E)

Conversions

Conversions Part 1

Format	Color
Hex	21324E
RGB	33, 50, 78
RGB Percent	13%, 20%, 31%
CMY	0.8706, 0.8039, 0.6941
CMYK	0.58, 0.36, 0.00, 0.69
HSL	217°, 41%, 22%
HSV	217°, 58%, 31%
XYZ	3.1429, 3.1546, 7.6510
YIQ	48.1090, -19.1200, 5.1040

Conversions

Conversions Part 2

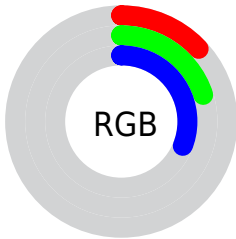
Format	Color
R_{YB}	33, 45, 78
Decimal	2175566
CIE _{Lab}	20.65, 2.50, -19.34
CIE _{LCh}	21, 19.497, 277.367
Yxy	3.1546, 0.2253, 0.2262
Android (android.graphics.Color)	4280365646 (0xFF21324E)
YUV	48.1090, 14.7363, -13.2506
Hunter-Lab	17.7612, 0.5046, -13.1075




Details

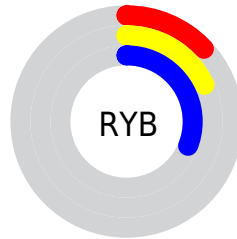
The Hex color **21324E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4E3D21**, and the grayscale version is **303030**.




A 20% lighter version of the original color is **51607F**, and **000222** is the 20% darker color. If you saturate the color by 10%, you get **192D4E**, and if you desaturate by 10%, it is **29374E**.

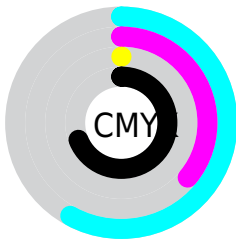
Distribution







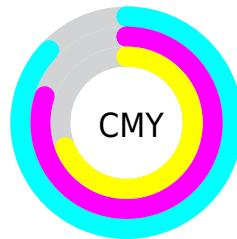
-  Red (13%)
-  Green (20%)
-  Blue (31%)






-  Red (13%)
-  Yellow (18%)
-  Blue (31%)



-  Cyan (58%)
-  Magenta (36%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (87%)
-  Magenta (80%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21324E 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 21324E by changing the saturation by 10% instead.

■ 21324E

■ 21324E

FFFFFF

■ 081D37

■ 51607F

■ 000222

■ 6A7999

■ 000008

■ 8492B4

■ 000000

■ 9EADD0

■ BAC8EC

■ D5E4FF

■ F2FFFF

■ 21324E

■ 21324E

■ 192D4E

■ 29374E

■ 11284E

■ 313C4E

■ 0A234E

■ 38414E

■ 021F4E

■ 40454E

■ 001D4E

■ 484A4E

■ 504F4E

■ 58544E

■ 5F594E

■ 675E4E

Harmonies

Analogous

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



00364C



21324E



382D49

Triad

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



21324E



4B2821



153826

Complementary

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



21324E



4E3D21

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.



28361A



21324E



432D17

Square

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



21324E



4D262F



373215



003935

Rectangle

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



21324E



422941



373215



1C3822

Sweetspot

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



21324E



555B66



214E3D



292D33



B3B3B3



333333

Same Dimension

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



21324E



203A66



26214E



222426



002766



0057E6

Inverse Universe

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



4E2132



66203A



494E21



262224



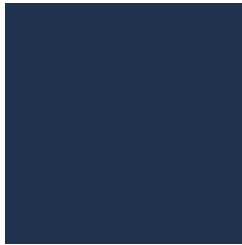
660027



E60057

Previews

White Background



This preview shows how the Hex color 21324E looks on a white background.

Color Contrast Check

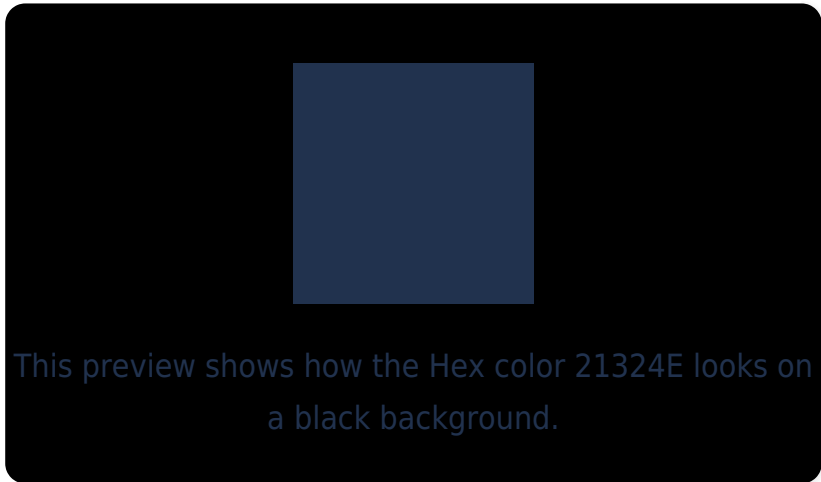
Large Text (above 18pt) WCAG AA ✓ Pass

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

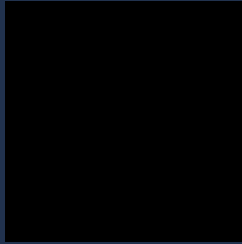
Any Text WCAG AA × Fail

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 21324E Background



This preview shows how black text looks on a background with the Hex color 21324E.



This preview shows how white text looks on a background with the Hex color 21324E.

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](#).

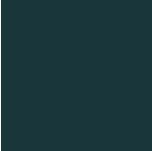
Dichromacy



Original Color
21324E

Protanopia
27314D

Deuteranopia
22324E



Tritanopia
19363A

Trichromacy



Original Color
21324E

Protanomaly
25314D

Deuteranomaly
22324E

Tritanomaly
1C3541

Monochromacy



Original Color
21324E

Achromatopsia
303030

Achromatomaly
2B313B

CSS Examples

Text

The CSS property to change the color of the text to Hex 21324E 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 #21324E looks like.

```
.text, #text, p{  
    color:#21324E  
}
```

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 #21324E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21324E
}
```

Border

The CSS property to change the border of an element to Hex 21324E is called "border". The border property can be set on classes, ids or directly on the HTML element.

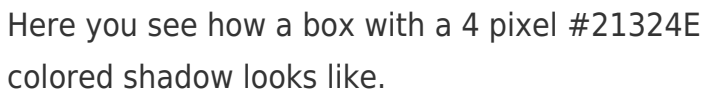
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#21324E }
```

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

```
.border{ border-color:#21324E }
```

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



Here you see how a box with a 4 pixel #21324E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21324E; -webkit-box-shadow:4px 4px  
4px 4px #21324E; box-shadow:4px 4px 4px  
4px #21324E }
```

Background

The CSS property to change the background color of an element to Hex 21324E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21324E }
```

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

```
.background{ background-color:#21324E }
```

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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