

Converting Colors

Hex(20414D)

Have a look what the booklet for
Hex(20414D) contains.

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Color

Hex(20414D)

Conversions

Conversions Part 1

Format	Color
Hex	20414D
RGB	32, 65, 77
RGB Percent	13%, 25%, 30%
CMY	0.8745, 0.7451, 0.6980
CMYK	0.58, 0.16, 0.00, 0.70
HSL	196°, 41%, 21%
HSV	196°, 58%, 30%
XYZ	3.8255, 4.6235, 7.7120
YIQ	56.5010, -23.5200, -3.2640

Conversions

Conversions Part 2

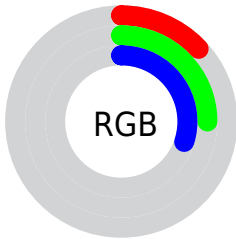
Format	Color
R_{YB}	32, 51, 77
Decimal	2113869
CIE _{Lab}	25.63, -8.11, -10.97
CIE _{LCh}	26, 13.637, 233.531
Yxy	4.6235, 0.2367, 0.2861
Android (android.graphics.Color)	4280303949 (0xFF20414D)
YUV	56.5010, 10.1060, -21.4874
Hunter-Lab	21.5023, -5.8718, -6.2132




Details

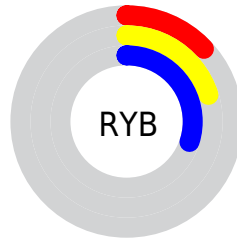
The Hex color **20414D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4D2C20**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **50717E**, and **001721** is the 20% darker color. If you saturate the color by 10%, you get **183F4D**, and if you desaturate by 10%, it is **28434D**.

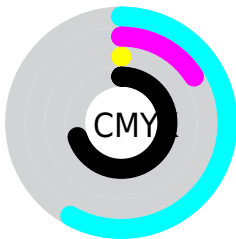
Distribution







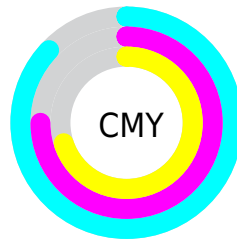
-  Red (13%)
-  Green (25%)
-  Blue (30%)






-  Red (13%)
-  Yellow (20%)
-  Blue (30%)



-  Cyan (58%)
-  Magenta (16%)
-  Yellow (0%)
-  Black (70%)



-  Cyan (87%)
-  Magenta (75%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20414D 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 20414D by changing the saturation by 10% instead.

■ 20414D

■ 20414D

FFFFFF

■ 062B36

■ 50717E

■ 001721

■ 698A98

■ 000008

■ 83A5B3

■ 000000

■ 9EC0CE

■ B9DCEA

■ D5F8FF

■ F2FFFF

■ 20414D

■ 20414D

■ 183F4D

■ 28434D

■ 113D4D

■ 2F454D

■ 093B4D

■ 37474D

■ 01394D

■ 3F494D

■ 00384D

■ 474B4D

■ 4E4D4D

■ 564F4D

■ 5E514D

■ 65534D

Harmonies

Analogous

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



1D4245



20414D



2C3E51

Triad

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



20414D



50353F



3C3F2A

Complementary

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



20414D



4D2C20

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.



463B28



20414D



523635

Square

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



20414D



483749



4E382D



304130

Rectangle

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



20414D



363C51



4E382D



3F3E29

Sweetspot

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



20414D



525F63



204D2C



283033



B3B3B3



333333

Same Dimension

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



20414D



1E5163



202B4D



222526



004B66



00A8E6

Inverse Universe

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



4D2041



631E51



4D4220



262225



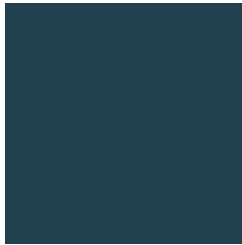
66004B



E600A8

Previews

White Background



This preview shows how the Hex color 20414D looks on a white background.

Color Contrast Check

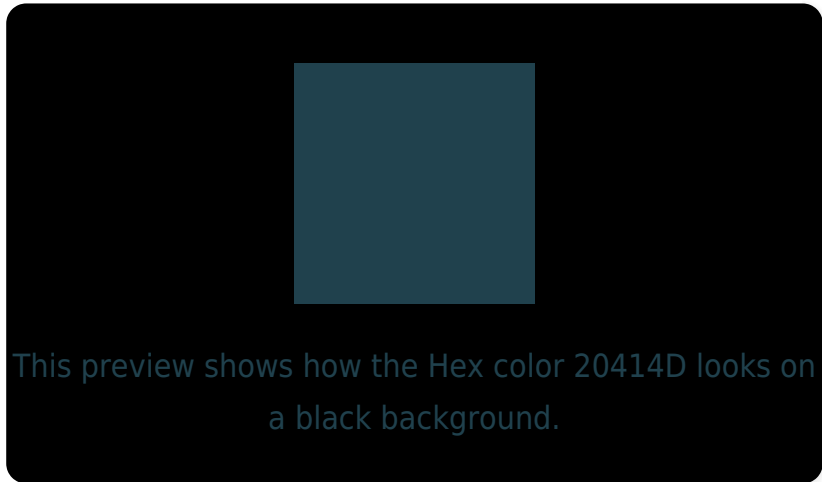
Large Text (above 18pt) WCAG AA ✓ Pass

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

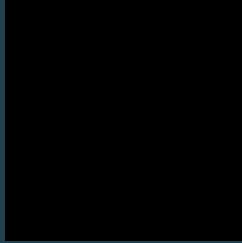
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

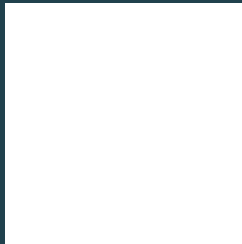
Any Text WCAG AAA × Fail

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

Hex 20414D Background



This preview shows how black text looks on a background with the Hex color 20414D.



This preview shows how white text looks on a background with the Hex color 20414D.

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
20414D

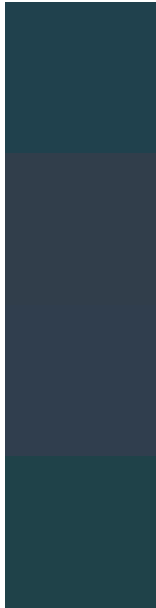
Protanopia
3A3C4A

Deuteranopia
393C4E



Tritanopia
1E4247

Trichromacy



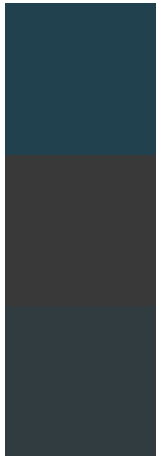
Original Color
20414D

Protanomaly
313E4B

Deuteranomaly
303E4E

Tritanomaly
1F4249

Monochromacy



Original Color
20414D

Achromatopsia
393939

Achromatomaly
303C40

CSS Examples

Text

The CSS property to change the color of the text to Hex 20414D 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 #20414D looks like.

```
.text, #text, p{  
    color:#20414D  
}
```

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 #20414D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20414D
}
```

Border

The CSS property to change the border of an element to Hex 20414D 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
#20414D }
```

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

```
.border{ border-color:#20414D }
```

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

Here you see how a box with a 4 pixel #20414D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20414D; -webkit-box-shadow:4px 4px  
4px 4px #20414D; box-shadow:4px 4px 4px  
4px #20414D }
```

Background

The CSS property to change the background color of an element to Hex 20414D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20414D }
```

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

```
.background{ background-color:#20414D }
```

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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