

# Converting Colors

Hex(20374D)

Have a look what the booklet for  
Hex(20374D) contains.

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# Color

**Hex(20374D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	20374D
RGB	32, 55, 77
RGB Percent	13%, 22%, 30%
CMY	0.8745, 0.7843, 0.6980
CMYK	0.58, 0.29, 0.00, 0.70
HSL	209°, 41%, 21%
HSV	209°, 58%, 30%
XYZ	3.3014, 3.5753, 7.5373
YIQ	50.6310, -20.7700, 1.9660

# Conversions

## Conversions Part 2

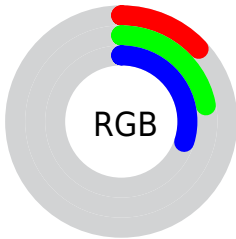
Format	Color
<b>RYB</b>	32, 47, 77
Decimal	2111309
CIELab	22.21, -1.58, -16.23
CIElCh	22, 16.309, 264.445
Yxy	3.5753, 0.2290, 0.2480
Android (android.graphics.Color)	4280301389 (0xFF20374D)
YUV	50.6310, 12.9999, -16.3394
Hunter-Lab	18.9084, -1.9236, -10.3983

# Details

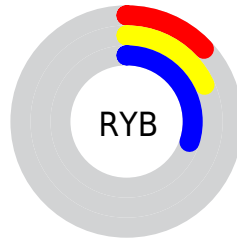
The Hex color **20374D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4D3620**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **50667E**, and **000B21** is the 20% darker color. If you saturate the color by 10%, you get **18334D**, and if you desaturate by 10%, it is **283B4D**.

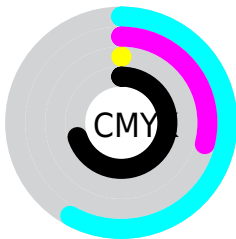
# Distribution



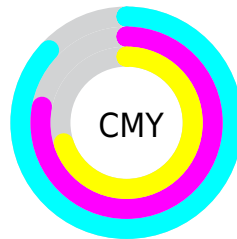
- Red (13%)
- Green (22%)
- Blue (30%)



- Red (13%)
- Yellow (18%)
- Blue (30%)



- Cyan (58%)
- Magenta (29%)
- Yellow (0%)
- Black (70%)



- Cyan (87%)
- Magenta (78%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 20374D 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 20374D by changing the saturation by 10% instead.



■ 20374D

■ 20374D

FFFFFF

■ 062236

■ 50667E

■ 000B21

■ 697F98

■ 000007

■ 8398B3

■ 000000

■ 9DB3CE

■ B8CFEB

■ D4EBFF

■ F1FFFF

■ 20374D

■ 20374D

■ 18334D

■ 283B4D

■ 112F4D

■ 2F3F4D

■ 092C4D

■ 37424D

■ 01284D

■ 3F464D

■ 00274D

■ 474A4D

■ 4E4E4D

■ 56514D

■ 5E554D

■ 65594D

# Harmonies

## Analogous

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



0C3A48



20374D



33334B

# Triad

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



20374D



4D2C2C



253A27

# Complementary

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



20374D



4D3620

# 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.



33371F



20374D



482F22

# Square

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



20374D



4B2C38



3F341D



153B32

# Rectangle

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



20374D



3E3046



3F341D



2A3923



# Sweetspot

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



20374D



525B63



204D36



282E33



B3B3B3



333333



# Same Dimension

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



20374D



1E4163



20214D



222426



003466



0075E6



# Inverse Universe

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



4D2037



631E41



4D4C20



262224



660034

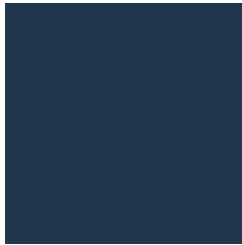


E60075



# Previews

## White Background



This preview shows how the Hex color 20374D looks on a white background.

## Color Contrast Check

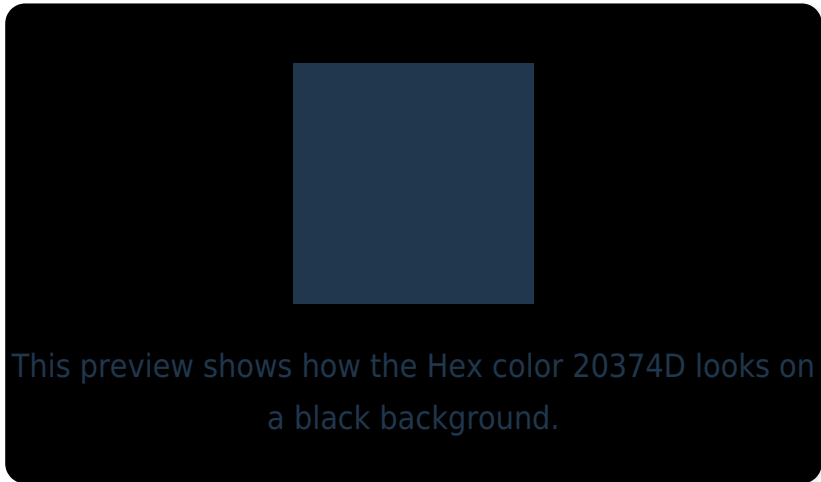
Large Text (above 18pt) WCAG AA ✓ Pass

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

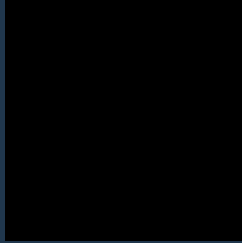
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

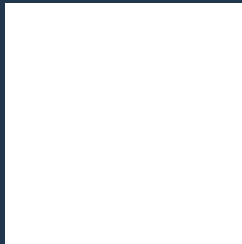
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 20374D Background



This preview shows how black text looks on a background with the Hex color 20374D.



This preview shows how white text looks on a background with the Hex color 20374D.

# 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**  
20374D

**Protanopia**  
2E344B

**Deuteranopia**  
2B354E



**Tritanopia**  
1A3A3E

# Trichromacy



**Original Color**  
20374D

**Protanomaly**  
29354C

**Deuteranomaly**  
27364E

**Tritanomaly**  
1C3943

# Monochromacy



**Original Color**  
20374D

**Achromatopsia**  
333333

**Achromatomaly**  
2C343C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 20374D 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 #20374D looks like.

```
.text, #text, p{  
    color:#20374D  
}
```

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 #20374D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20374D
}
```

## Border

The CSS property to change the border of an element to Hex 20374D 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
#20374D }
```

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

```
.border{ border-color:#20374D }
```

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

Here you see how a box with a 4 pixel #20374D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20374D; -webkit-box-shadow:4px 4px  
4px 4px #20374D; box-shadow:4px 4px 4px  
4px #20374D }
```

# Background

The CSS property to change the background color of an element to Hex 20374D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20374D }
```

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

```
.background{ background-color:#20374D }
```

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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