

# Converting Colors

Hex(20372F)

Have a look what the booklet for  
Hex(20372F) contains.

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# Color

**Hex(20372F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	20372F
RGB	32, 55, 47
RGB Percent	13%, 22%, 18%
CMY	0.8745, 0.7843, 0.8157
CMYK	0.42, 0.00, 0.15, 0.78
HSL	159°, 26%, 17%
HSV	159°, 42%, 22%
XYZ	2.4749, 3.2447, 3.1852
YIQ	47.2110, -11.1400, -7.3640

# Conversions

## Conversions Part 2

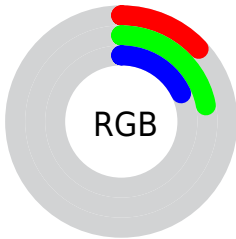
Format	Color
<b>RYB</b>	32, 46, 55
Decimal	2111279
CIELab	21.00, -11.28, 2.17
CIELCh	21, 11.483, 169.129
Yxy	3.2447, 0.2779, 0.3644
Android (android.graphics.Color)	4280301359 (0xFF20372F)
YUV	47.2110, -0.1040, -13.3400
Hunter-Lab	18.0130, -6.9973, 2.1251

# Details

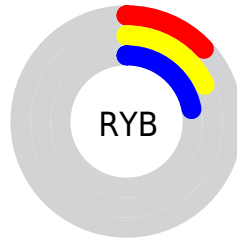
The Hex color **20372F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **372028**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **4D665D**, and **000700** is the 20% darker color. If you saturate the color by 10%, you get **1B372D**, and if you desaturate by 10%, it is **263731**.

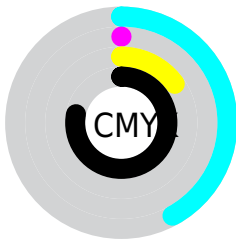
# Distribution



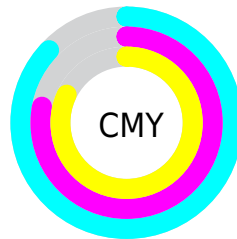
- Red (13%)
- Green (22%)
- Blue (18%)



- Red (13%)
- Yellow (18%)
- Blue (22%)



- Cyan (42%)
- Magenta (0%)
- Yellow (15%)
- Black (78%)



- Cyan (87%)
- Magenta (78%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 20372F 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 20372F by changing the saturation by 10% instead.





20372F



20372F

FFFFFF



0B211A



4D665D



000700



667F75



000000



7F998F



99B4A9



B4CFC5



CFECE1



ECFFFD



20372F



20372F

■ 1B372D

■ 263731

■ 15372B

■ 2B3733

■ 103729

■ 313735

■ 0A3727

■ 363737

■ 053725

■ 3C3739

■ 003724

■ 41373A

■ 47373C

■ 4C373E

■ 523740

# Harmonies

## Analogous

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



293627



20372F



1A3738

# Triad

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



20372F



303142



412E26

# Complementary

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



20372F



372028

# 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.



442C2D



20372F



3A2F3E

# Square

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



20372F



243443



412D36



3B3122

# Rectangle

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



20372F



19373D



412D36



432D28



# Sweetspot

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



20372F



3E4744



283720



1E2422



A3A3A3



242424



# Same Dimension

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



20372F



24473B



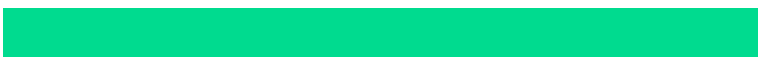
203437



191C1B



005C3C



00DB8F



# Inverse Universe

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



372028



472430



372320



1C191A



5C0020

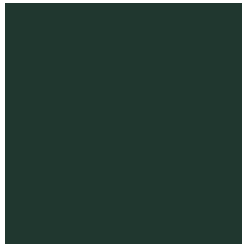


DB004C



# Previews

## White Background



This preview shows how the Hex color 20372F looks on a white background.

## Color Contrast Check

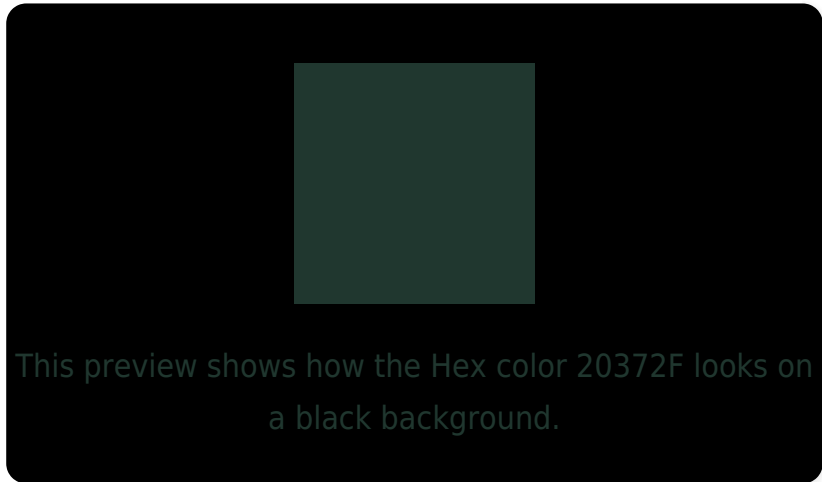
Large Text (above 18pt) WCAG AA ✓ Pass

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

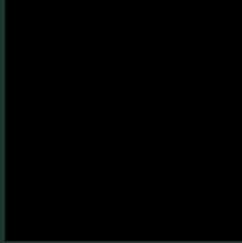
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

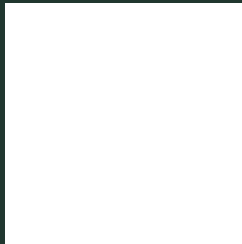
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 20372F Background



This preview shows how black text looks on a background with the Hex color 20372F.



This preview shows how white text looks on a background with the Hex color 20372F.

# 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](#).

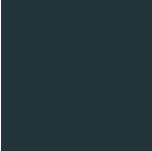
## Dichromacy



**Original Color**  
20372F

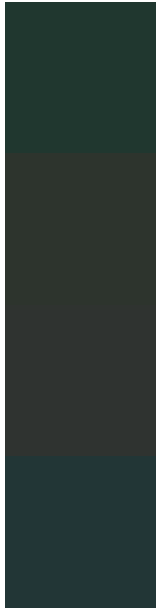
**Protanopia**  
35322C

**Deuteranopia**  
383130



**Tritanopia**  
23353A

# Trichromacy



**Original Color**  
20372F

**Protanomaly**  
2D342D

**Deuteranomaly**  
2F3330

**Tritanomaly**  
223636

# Monochromacy



**Original Color**  
20372F

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
2A322F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 20372F 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 #20372F looks like.

```
.text, #text, p{  
    color:#20372F  
}
```

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 #20372F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20372F
}
```

## Border

The CSS property to change the border of an element to Hex 20372F is called "border". The border property can be set on classes, ids or directly on the HTML element.

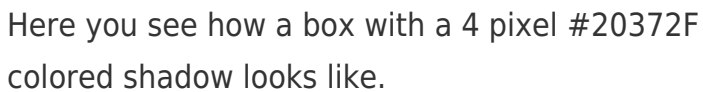
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#20372F }
```

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

```
.border{ border-color:#20372F }
```

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



Here you see how a box with a 4 pixel #20372F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20372F; -webkit-box-shadow:4px 4px  
4px 4px #20372F; box-shadow:4px 4px 4px  
4px #20372F }
```

# Background

The CSS property to change the background color of an element to Hex 20372F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20372F }
```

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

```
.background{ background-color:#20372F }
```

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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