

# Converting Colors

Hex(20292F)

Have a look what the booklet for  
Hex(20292F) contains.

<b>Hex(20292F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(20292F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	20292F
RGB	32, 41, 47
RGB Percent	13%, 16%, 18%
CMY	0.8745, 0.8392, 0.8157
CMYK	0.32, 0.13, 0.00, 0.82
HSL	204°, 19%, 15%
HSV	204°, 32%, 18%
XYZ	1.9017, 2.0982, 2.9941
YIQ	38.9930, -7.2900, -0.0420

# Conversions

## Conversions Part 2

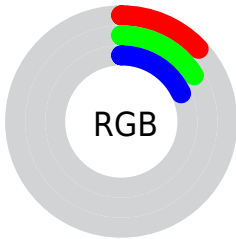
<b>Format</b>	<b>Color</b>
<b>RYB</b>	32, 38, 47
Decimal	2107695
CIELab	15.99, -2.17, -5.20
CIELCh	16, 5.638, 247.386
Yxy	2.0982, 0.2719, 0.3000
Android (android.graphics.Color)	4280297775 (0xFF20292F)
YUV	38.9930, 3.9475, -6.1329
Hunter-Lab	14.4851, -1.9144, -2.1157

# Details

The Hex color **20292F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F2620**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **4C565D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1B272F**, and if you desaturate by 10%, it is **252B2F**.

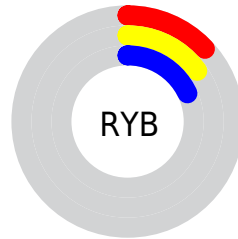
# Distribution



Red (13%)

Green (16%)

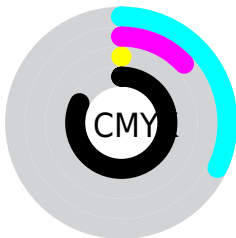
Blue (18%)



Red (13%)

Yellow (15%)

Blue (18%)

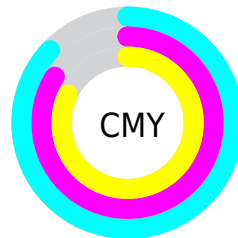


Cyan (32%)

Magenta (13%)

Yellow (0%)

Black (82%)



Cyan (87%)

Magenta (84%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 20292F 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 20292F by changing the saturation by 10% instead.



■ 20292F

■ 20292F

FFFFFF

■ 0A151A

■ 4C565D

■ 000000

■ 646E75

■ 7D888F

■ 97A2A9

■ B2BDC5

■ CED9E1

■ EAF5FD

■ 20292F

■ 20292F

■ 1B272F

■ 252B2F

■ 17252F

■ 292D2F

■ 12232F

■ 2E2F2F

■ 0D212F

■ 33312F

■ 09202F

■ 37322F

■ 041E2F

■ 3C342F

■ 001C2F

■ 41362F

■ 46382F

■ 4A3A2F

# Harmonies

## Analogous

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



1D2A2C



20292F



252830

# Triad

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



20292F



302527



252921

# Complementary

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



20292F



2F2620

# 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.



2A2820



20292F



302523

# Square

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



20292F



2E252B



2E2620



212A25

# Rectangle

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



20292F



28272F



2E2620



272921



# Sweetspot

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



20292F



373B3D



202F26



1B1D1F



9E9E9E



1F1F1F



# Same Dimension

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



20292F



26343D



20212F



151617



003457



0081D6



# Inverse Universe

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



2F2029



3D2634



2F2E20



171516



570034

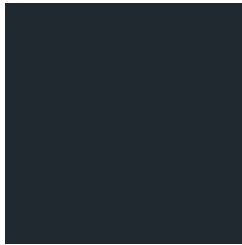


D60081



# Previews

## White Background



This preview shows how the Hex color 20292F looks on a white background.

### Color Contrast Check

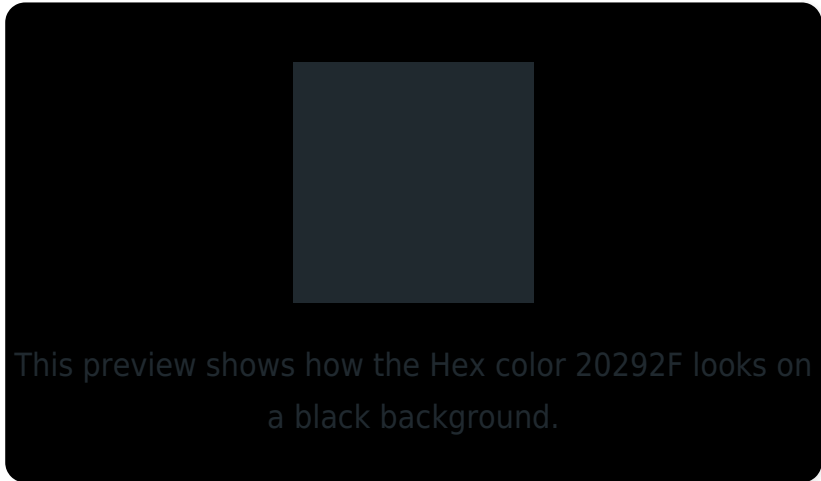
Large Text (above 18pt) WCAG AA ✓ Pass

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

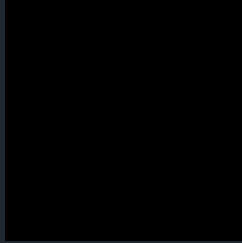
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

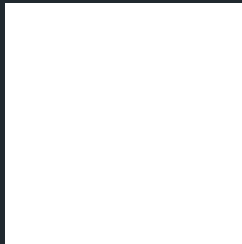
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 20292F Background



This preview shows how black text looks on a background with the Hex color 20292F.



This preview shows how white text looks on a background with the Hex color 20292F.

# 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**  
20292F

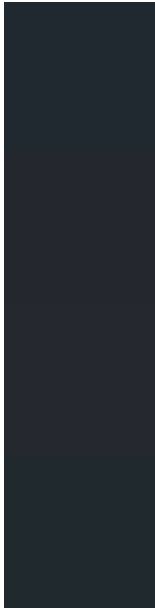
**Protanopia**  
27272E

**Deuteranopia**  
28272F



**Tritanopia**  
1F292D

# Trichromacy



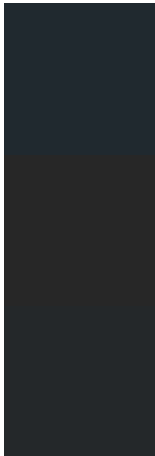
**Original Color**  
20292F

**Protanomaly**  
24282E

**Deuteranomaly**  
25282F

**Tritanomaly**  
1F292E

# Monochromacy



**Original Color**  
20292F

**Achromatopsia**  
272727

**Achromatomaly**  
24282A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 20292F 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 #20292F looks like.

```
.text, #text, p{  
    color:#20292F  
}
```

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 #20292F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20292F
}
```

## Border

The CSS property to change the border of an element to Hex 20292F is called "border". The border property can be set on classes, ids or directly on the HTML element.

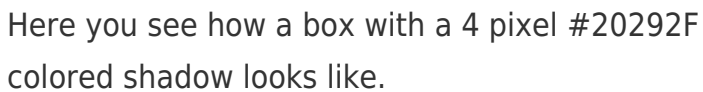
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#20292F }
```

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

```
.border{ border-color:#20292F }
```

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



Here you see how a box with a 4 pixel #20292F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20292F; -webkit-box-shadow:4px 4px  
4px 4px #20292F; box-shadow:4px 4px 4px  
4px #20292F }
```

# Background

The CSS property to change the background color of an element to Hex 20292F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20292F }
```

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

```
.background{ background-color:#20292F }
```

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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