

Converting Colors

Hex(20442F)

Have a look what the booklet for
Hex(20442F) contains.

Hex(20442F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(20442F)

Conversions

Conversions Part 1

Format	Color
Hex	20442F
RGB	32, 68, 47
RGB Percent	13%, 27%, 18%
CMY	0.8745, 0.7333, 0.8157
CMYK	0.53, 0.00, 0.31, 0.73
HSL	145°, 36%, 20%
HSV	145°, 53%, 27%
XYZ	3.1759, 4.6466, 3.4188
YIQ	54.8420, -14.7150, -14.1630

Conversions

Conversions Part 2

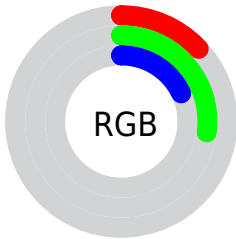
Format	Color
R_{YB}	32, 57, 68
Decimal	2114607
CIE _{Lab}	25.70, -18.71, 8.81
CIE _{LCh}	26, 20.679, 154.797
Yxy	4.6466, 0.2825, 0.4133
Android (android.graphics.Color)	4280304687 (0xFF20442F)
YUV	54.8420, -3.8661, -20.0324
Hunter-Lab	21.5559, -11.4240, 5.6856

Details

The Hex color **20442F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **442035**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **4F745D**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **19442B**, and if you desaturate by 10%, it is **274433**.

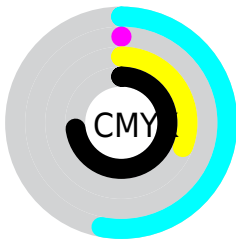
Distribution



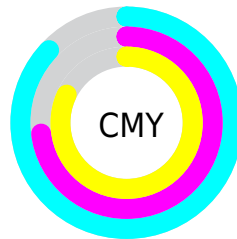
- Red (13%)
- Green (27%)
- Blue (18%)



- Red (13%)
- Yellow (22%)
- Blue (27%)



- Cyan (53%)
- Magenta (0%)
- Yellow (31%)
- Black (73%)



- Cyan (87%)
- Magenta (73%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20442F 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 20442F by changing the saturation by 10% instead.

■ 20442F

■ 20442F

FFFFFF

■ 082D1A

■ 4F745D

■ 001A00

■ 688E76

■ 000000

■ 81A98F

■ 9CC4AA

■ B7E0C5

■ D3FDE1

■ EFFFFE

■ 20442F

■ 20442F

■ 19442B

■ 274433

■ 124427

■ 2E4437

■ 0C4423

■ 34443B

■ 05441F

■ 3B443F

■ 00441C

■ 424443

■ 494447

■ 50444B

■ 56444F

■ 5D4453

Harmonies

Analogous

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



344122



20442F



03453F

Triad

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



20442F



293E5C



5A322C

Complementary

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



20442F



442035

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.



5A303B



20442F



423857

Square

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



20442F



044259



53334B



523721

Rectangle

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



20442F



004549



53334B



5B3131

Sweetspot

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



20442F



4B5951



354420



252E29



ADADAD



2E2E2E

Same Dimension

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



20442F



205938



204441



1E211F



006128



00E05E

Inverse Universe

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



442035



592041



442023



211E20



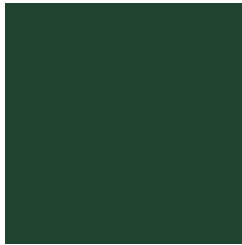
610039



E00083

Previews

White Background



This preview shows how the Hex color 20442F looks on a white background.

Color Contrast Check

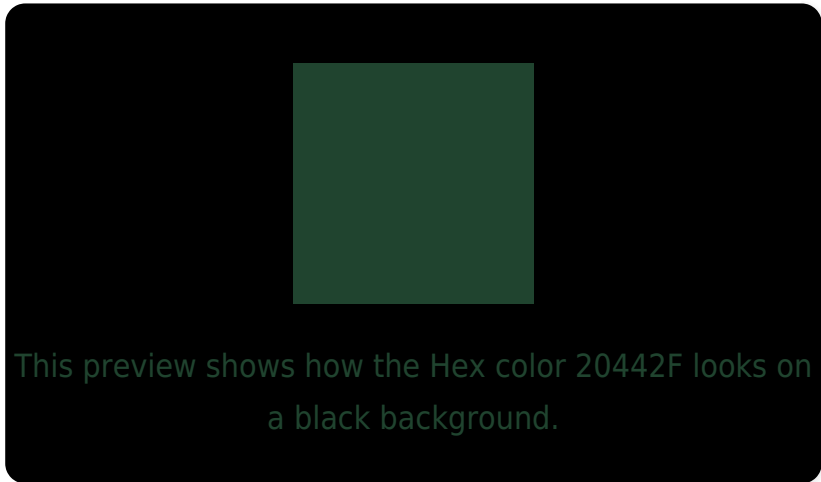
Large Text (above 18pt) WCAG AA ✓ Pass

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

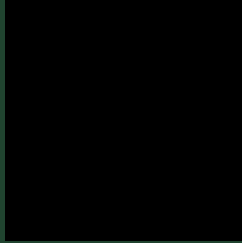
Any Text WCAG AA × Fail

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 20442F Background



This preview shows how black text looks on a background with the Hex color 20442F.



This preview shows how white text looks on a background with the Hex color 20442F.

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](#).

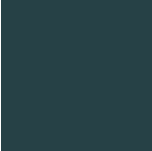
Dichromacy



Original Color
20442F

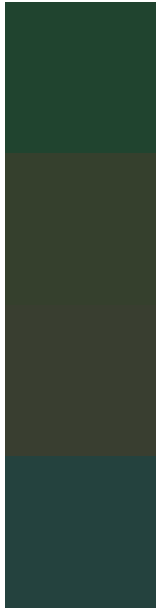
Protanopia
413D2C

Deuteranopia
473A31



Tritanopia
264146

Trichromacy



Original Color
20442F

Protanomaly
35402D

Deuteranomaly
393E30

Tritanomaly
24423E

Monochromacy



Original Color
20442F

Achromatopsia
373737

Achromatomaly
2F3C34

CSS Examples

Text

The CSS property to change the color of the text to Hex 20442F 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 #20442F looks like.

```
.text, #text, p{  
    color:#20442F  
}
```

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 #20442F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20442F
}
```

Border

The CSS property to change the border of an element to Hex 20442F is called "border". The border property can be set on classes, ids or directly on the HTML element.

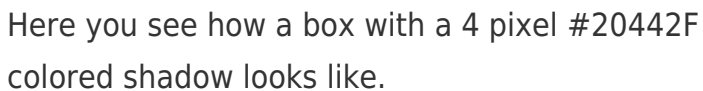
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#20442F }
```

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

```
.border{ border-color:#20442F }
```

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



Here you see how a box with a 4 pixel #20442F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20442F; -webkit-box-shadow:4px 4px  
4px 4px #20442F; box-shadow:4px 4px 4px  
4px #20442F }
```

Background

The CSS property to change the background color of an element to Hex 20442F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20442F }
```

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

```
.background{ background-color:#20442F }
```

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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