

Converting Colors

Hex(20432A)

Have a look what the booklet for
Hex(20432A) contains.

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Color

Hex(20432A)

Conversions

Conversions Part 1

Format	Color
Hex	20432A
RGB	32, 67, 42
RGB Percent	13%, 26%, 16%
CMY	0.8745, 0.7373, 0.8353
CMYK	0.52, 0.00, 0.37, 0.74
HSL	137°, 35%, 19%
HSV	137°, 52%, 26%
XYZ	3.0207, 4.4886, 2.8977
YIQ	53.6850, -12.8350, -15.1950

Conversions

Conversions Part 2

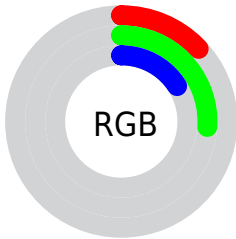
Format	Color
R_{YB}	32, 59, 67
Decimal	2114346
CIE _{Lab}	25.22, -19.32, 11.37
CIE _{LCh}	25, 22.412, 149.526
Yxy	4.4886, 0.2903, 0.4313
Android (android.graphics.Color)	4280304426 (0xFF20432A)
YUV	53.6850, -5.7607, -19.0177
Hunter-Lab	21.1862, -11.6253, 6.7212

Details

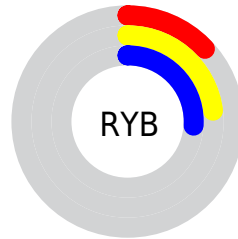
The Hex color **20432A** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **432039**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **4F7357**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **194325**, and if you desaturate by 10%, it is **27432F**.

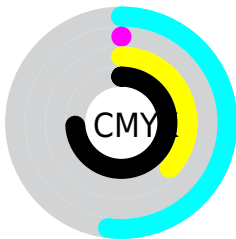
Distribution



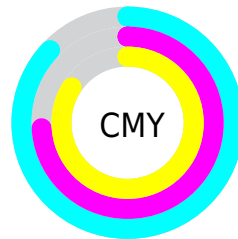
- Red (13%)
- Green (26%)
- Blue (16%)



- Red (13%)
- Yellow (23%)
- Blue (26%)



- Cyan (52%)
- Magenta (0%)
- Yellow (37%)
- Black (74%)



- Cyan (87%)
- Magenta (74%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20432A 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 20432A by changing the saturation by 10% instead.

 20432A

 20432A

FFFFFF

 082D15

 4F7357

 001A00

 678D70

 000000

 81A889

 9BC3A4

 B6DFBF

 D2FCDB

 EFFFF7

 20432A

 20432A

■ 194325

■ 27432F

■ 134320

■ 2D4334

■ 0C431C

■ 344338

■ 054317

■ 3B433D

■ 004313

■ 424342

■ 484347

■ 4F434C

■ 564350

■ 5C4355

Harmonies

Analogous

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



35401D



20432A



00443B

Triad

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



20432A



1F3E5E



5B2F2C

Complementary

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



20432A



432039

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.



5B2E3D



20432A



3D3759

Square

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



20432A



004259



51314D



54351F

Rectangle

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



20432A



004547



51314D



5C2E31

Sweetspot

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



20432A



49574D



394320



232B25



ABABAB



2B2B2B

Same Dimension

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



20432A



205730



20433B



1E211F



00611C



00E040

Inverse Universe

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



432039



572047



432028



211E20



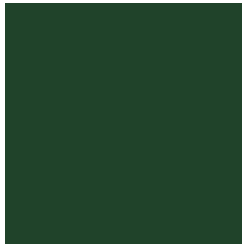
610045



E000A0

Previews

White Background



This preview shows how the Hex color 20432A looks on a white background.

Color Contrast Check

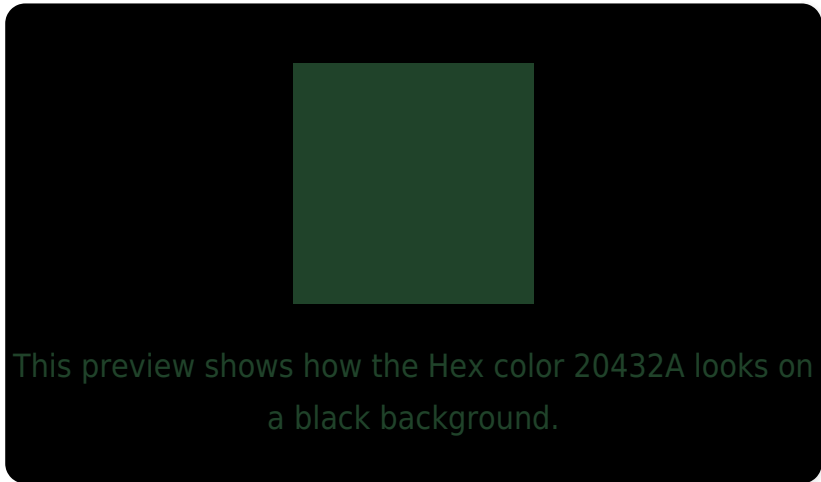
Large Text (above 18pt) WCAG AA ✓ Pass

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

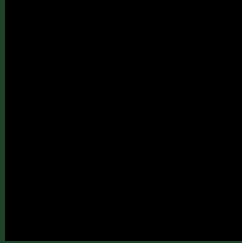
Any Text WCAG AA × Fail

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 20432A Background



This preview shows how black text looks on a background with the Hex color 20432A.



This preview shows how white text looks on a background with the Hex color 20432A.

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
20432A

Protanopia
413C27

Deuteranopia
46392C



Tritanopia
274045

Trichromacy



Original Color
20432A

Protanomaly
353F28

Deuteranomaly
383D2B

Tritanomaly
24413B

Monochromacy



Original Color
20432A

Achromatopsia
363636

Achromatomaly
2E3B32

CSS Examples

Text

The CSS property to change the color of the text to Hex 20432A 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 #20432A looks like.

```
.text, #text, p{  
    color:#20432A  
}
```

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 #20432A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20432A
}
```

Border

The CSS property to change the border of an element to Hex 20432A 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".

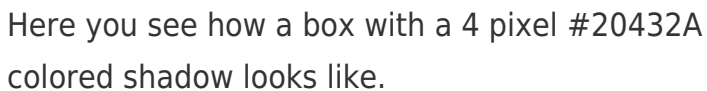
```
.border, #border, table{ border:4px solid
#20432A }
```

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

```
.border{ border-color:#20432A }
```

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

Here you see how a box with a 4 pixel #20432A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20432A; -webkit-box-shadow:4px 4px  
4px 4px #20432A; box-shadow:4px 4px 4px  
4px #20432A }
```

Background

The CSS property to change the background color of an element to Hex 20432A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20432A }
```

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

```
.background{ background-color:#20432A }
```

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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