

Converting Colors

Hex(20342A)

Have a look what the booklet for
Hex(20342A) contains.

Hex(20342A)	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(20342A)

Conversions

Conversions Part 1

Format	Color
Hex	20342A
RGB	32, 52, 42
RGB Percent	13%, 20%, 16%
CMY	0.8745, 0.7961, 0.8353
CMYK	0.38, 0.00, 0.19, 0.80
HSL	150°, 24%, 16%
HSV	150°, 38%, 20%
XYZ	2.2416, 2.9302, 2.6379
YIQ	44.8800, -8.7100, -7.3500

Conversions

Conversions Part 2

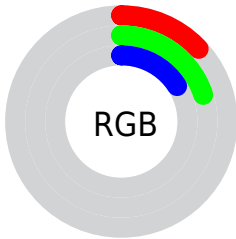
Format	Color
R_{YB}	32, 45, 52
Decimal	2110506
CIE _{Lab}	19.76, -10.76, 3.79
CIE _{LCh}	20, 11.408, 160.610
Yxy	2.9302, 0.2870, 0.3752
Android (android.graphics.Color)	4280300586 (0xFF20342A)
YUV	44.8800, -1.4198, -11.2958
Hunter-Lab	17.1179, -6.5819, 2.8457

Details

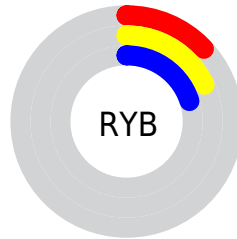
The Hex color **20342A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **34202A**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **4D6357**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1B3427**, and if you desaturate by 10%, it is **25342D**.

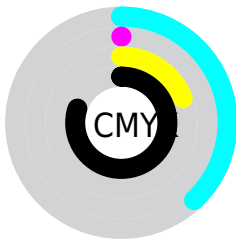
Distribution



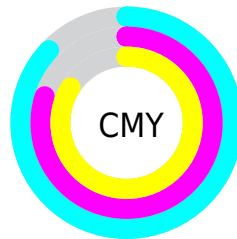
- Red (13%)
- Green (20%)
- Blue (16%)



- Red (13%)
- Yellow (18%)
- Blue (20%)



- Cyan (38%)
- Magenta (0%)
- Yellow (19%)
- Black (80%)



- Cyan (87%)
- Magenta (80%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20342A 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 20342A by changing the saturation by 10% instead.

■ 20342A

■ 20342A

FFFFFF

■ 0B1F16

■ 4D6357

■ 000000

■ 657C70

■ 7E9589

■ 98B0A3

■ B3CBBE

■ CFE8DA

■ EBFFF7

■ 20342A

■ 20342A

■ 1B3427

■ 25342D

■ 163425

■ 2A342F

■ 103422

■ 303432

■ 0B3420

■ 353434

■ 06341D

■ 3A3437

■ 01341A

■ 3F343A

■ 00341A

■ 44343C

■ 4A343F

■ 4F3441

Harmonies

Analogous

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



2A3323



20342A



183433

Triad

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



20342A



2A3040



3F2B25

Complementary

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



20342A



34202A

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.



402A2D



20342A



352D3C

Square

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



20342A



1E323F



3D2A36



3B2D20

Rectangle

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



20342A



163438



3D2A36



402A28

Sweetspot

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



20342A



3D4541



2A3420



1F2421



A3A3A3



242424

Same Dimension

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



20342A



254535



203434



171A18



00592D



00D96C

Inverse Universe

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



34202A



452535



342020



1A1718



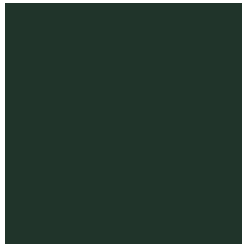
59002D



D9006C

Previews

White Background



This preview shows how the Hex color 20342A looks on a white background.

Color Contrast Check

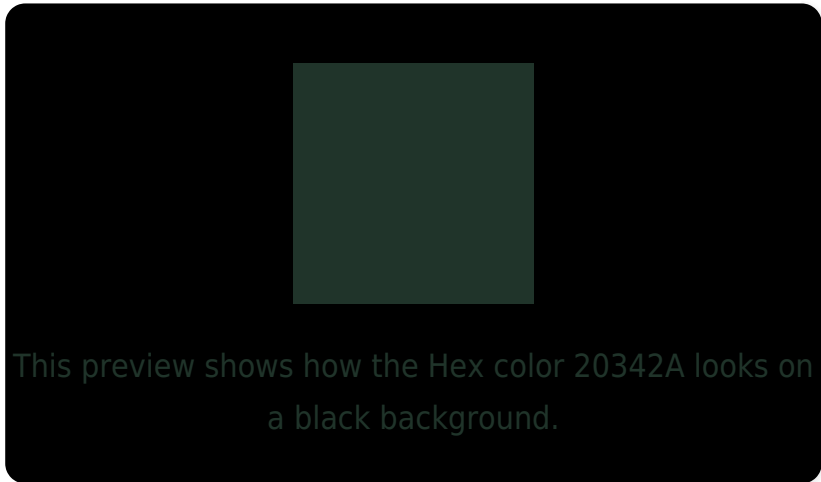
Large Text (above 18pt) WCAG AA ✓ Pass

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

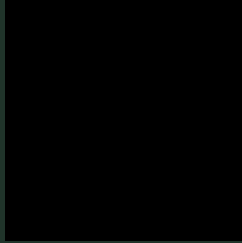
Any Text WCAG AA × Fail

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 20342A Background



This preview shows how black text looks on a background with the Hex color 20342A.



This preview shows how white text looks on a background with the Hex color 20342A.

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](#).

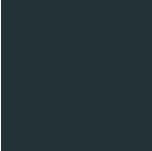
Dichromacy



Original Color
20342A

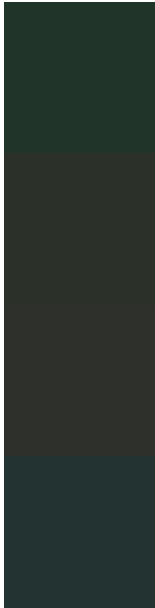
Protanopia
323028

Deuteranopia
362E2B



Tritanopia
233236

Trichromacy



Original Color
20342A

Protanomaly
2B3129

Deuteranomaly
2E302B

Tritanomaly
223332

Monochromacy



Original Color
20342A

Achromatopsia
2D2D2D

Achromatomaly
28302C

CSS Examples

Text

The CSS property to change the color of the text to Hex 20342A 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 #20342A looks like.

```
.text, #text, p{  
    color:#20342A  
}
```

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 #20342A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20342A
}
```

Border

The CSS property to change the border of an element to Hex 20342A 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
#20342A }
```

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

```
.border{ border-color:#20342A }
```

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

Here you see how a box with a 4 pixel #20342A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20342A; -webkit-box-shadow:4px 4px  
4px 4px #20342A; box-shadow:4px 4px 4px  
4px #20342A }
```

Background

The CSS property to change the background color of an element to Hex 20342A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20342A }
```

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

```
.background{ background-color:#20342A }
```

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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