

Converting Colors

Hex(20242A)

Have a look what the booklet for
Hex(20242A) contains.

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Color

Hex(20242A)

Conversions

Conversions Part 1

Format	Color
Hex	20242A
RGB	32, 36, 42
RGB Percent	13%, 14%, 16%
CMY	0.8745, 0.8588, 0.8353
CMYK	0.24, 0.14, 0.00, 0.84
HSL	216°, 14%, 15%
HSV	216°, 24%, 16%
XYZ	1.6445, 1.7360, 2.4389
YIQ	35.4880, -4.3100, 1.0180

Conversions

Conversions Part 2

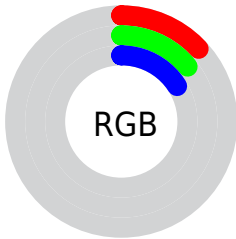
Format	Color
R_YB	32, 35, 42
Decimal	2106410
CIE Lab	14.04, -0.15, -4.59
CIE LCh	14, 4.594, 268.186
Yxy	1.7360, 0.2826, 0.2983
Android (android.graphics.Color)	4280296490 (0xFF20242A)
YUV	35.4880, 3.2104, -3.0590
Hunter-Lab	13.1757, -0.7790, -1.7519

Details

The Hex color **20242A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A2620**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **4C5057**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C212A**, and if you desaturate by 10%, it is **24272A**.

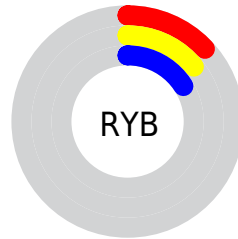
Distribution



Red (13%)

Green (14%)

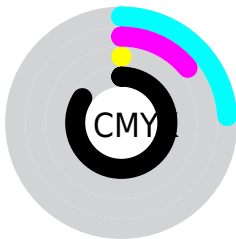
Blue (16%)



Red (13%)

Yellow (14%)

Blue (16%)

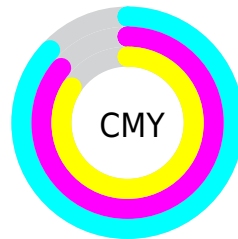


Cyan (24%)

Magenta (14%)

Yellow (0%)

Black (84%)



Cyan (87%)

Magenta (86%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20242A 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 20242A by changing the saturation by 10% instead.

■ 20242A

■ 20242A

FFFFFF

■ 090F16

■ 4C5057

■ 000000

■ 646870

■ 7D8289

■ 979CA3

■ B2B6BE

■ CDD2DA

■ E9EEF7

■ 20242A

■ 20242A

■ 1C212A

■ 24272A

■ 181F2A

■ 28292A

■ 131C2A

■ 2D2C2A

■ 0F1A2A

■ 312E2A

■ 0B172A

■ 35312A

■ 07152A

■ 39332A

■ 03122A

■ 3D362A

■ 00112A

■ 42382A

■ 463B2A

Harmonies

Analogous

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



1D2529



20242A



242329

Triad

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



20242A



2B2221



1F2520

Complementary

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



20242A



2A2620

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.



23241E



20242A



29221E

Square

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



20242A



2A2224



26231D



1D2623

Rectangle

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



20242A



272228



26231D



20251F

Sweetspot

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



20242A



323336



202A26



1A1B1C



9C9C9C



1C1C1C

Same Dimension

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



20242A



262C36



21202A



121314



002254



0055D4

Inverse Universe

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



2A2024



36262C



292A20



141213



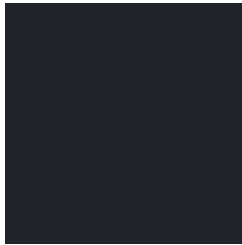
540022



D40055

Previews

White Background



This preview shows how the Hex color 20242A looks on a white background.

Color Contrast Check

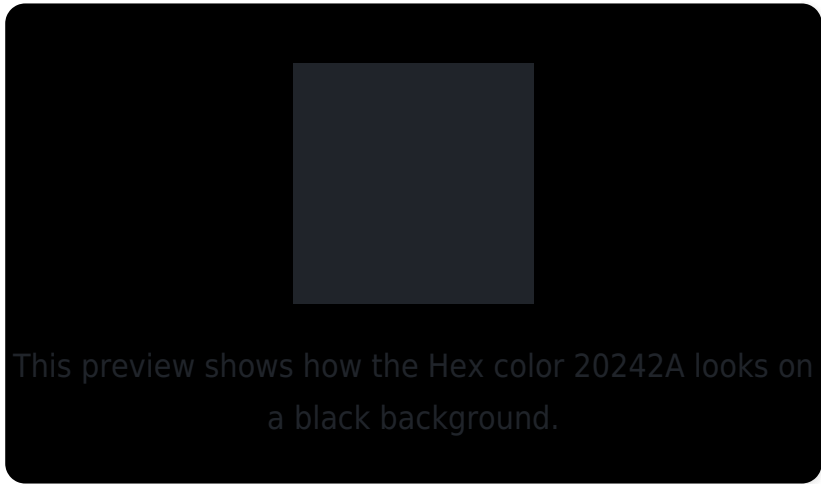
Large Text (above 18pt) WCAG AA ✓ Pass

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

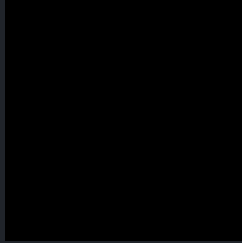
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

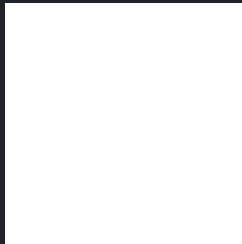
Any Text WCAG AAA × Fail

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

Hex 20242A Background



This preview shows how black text looks on a background with the Hex color 20242A.



This preview shows how white text looks on a background with the Hex color 20242A.

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
20242A

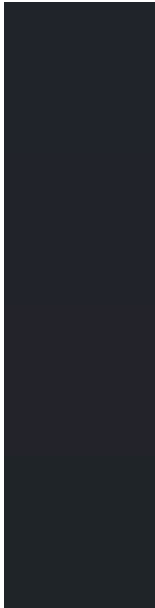
Protanopia
22232A

Deuteranopia
24232A



Tritanopia
1F2427

Trichromacy



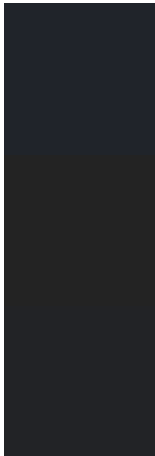
Original Color
20242A

Protanomaly
21232A

Deuteranomaly
23232A

Tritanomaly
1F2428

Monochromacy



Original Color
20242A

Achromatopsia
232323

Achromatomaly
222326

CSS Examples

Text

The CSS property to change the color of the text to Hex 20242A 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 #20242A looks like.

```
.text, #text, p{  
    color:#20242A  
}
```

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 #20242A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20242A
}
```

Border

The CSS property to change the border of an element to Hex 20242A is called "border". The border property can be set on classes, ids or directly on the HTML element.

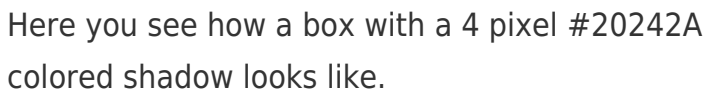
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#20242A }
```

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

```
.border{ border-color:#20242A }
```

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



Here you see how a box with a 4 pixel #20242A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20242A; -webkit-box-shadow:4px 4px  
4px 4px #20242A; box-shadow:4px 4px 4px  
4px #20242A }
```

Background

The CSS property to change the background color of an element to Hex 20242A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20242A }
```

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

```
.background{ background-color:#20242A }
```

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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