

Converting Colors

Hex(242C00)

Have a look what the booklet for
Hex(242C00) contains.

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Color

Hex(242C00)

Conversions

Conversions Part 1

Format	Color
Hex	242C00
RGB	36, 44, 0
RGB Percent	14%, 17%, 0%
CMY	0.8588, 0.8275, 1.0000
CMYK	0.18, 0.00, 1.00, 0.83
HSL	71°, 100%, 9%
HSV	71°, 100%, 17%
XYZ	1.6282, 2.1764, 0.3343
YIQ	36.5920, 9.3560, -15.3800

Conversions

Conversions Part 2

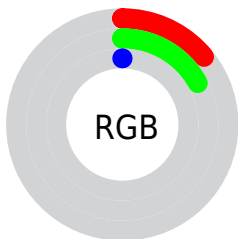
Format	Color
R_{YB}	0, 44, 8
Decimal	2370560
CIE Lab	16.39, -10.71, 23.47
CIE LCh	16, 25.799, 114.520
Yxy	2.1764, 0.3934, 0.5258
Android (android.graphics.Color)	4280560640 (0xFF242C00)
YUV	36.5920, -18.0399, -0.5192
Hunter-Lab	14.7527, -6.1165, 8.9835

Details

The Hex color **242C00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **08002C**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **525A2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **242C00**, and if you desaturate by 10%, it is **252C04**.

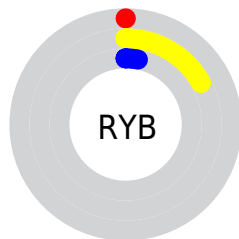
Distribution



Red (14%)

Green (17%)

Blue (0%)



Red (0%)

Yellow (17%)

Blue (3%)

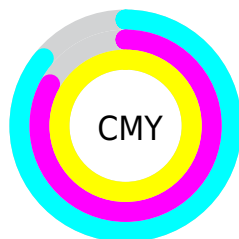


Cyan (18%)

Magenta (0%)

Yellow (100%)

Black (83%)



Cyan (86%)

Magenta (83%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 242C00 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 242C00 by changing the saturation by 10% instead.

 242C00

 242C00

 FFFFE3

 081800

 525A2F

 000000

 6A7246

 848B5E

 9EA677

 B9C191

 D5DDAB

 F2F9C7

 242C00

■ 252C04

■ 262C09

■ 262C0D

■ 272C12

■ 282C16

■ 292C1A

■ 2A2C1F

■ 2A2C23

■ 2B2C28

Harmonies

Analogous

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



362600



242C00



0A2F12

Triad

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



242C00



003046



48172D

Complementary

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



242C00



08002C

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.



3C1D3E



242C00



002C4D

Square

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



242C00



003137



22254A



49181A

Rectangle

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



242C00



00311E



22254A



451933

Sweetspot

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



242C00



353827



2C0700



1A1C12



9C9C9C



1C1C1C

Same Dimension

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



242C00



2E3800



0F2C00



171715



475700



AFD600

Inverse Universe

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



08002C



0A0038



1D002C



151517



100057



2700D6

Previews

White Background



This preview shows how the Hex color 242C00 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

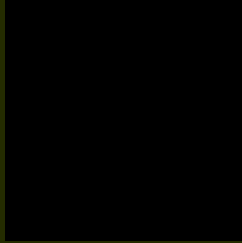
Any Text WCAG AA × Fail

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 242C00 Background



This preview shows how black text looks on a background with the Hex color 242C00.

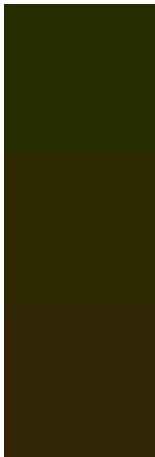


This preview shows how white text looks on a background with the Hex color 242C00.

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
242C00

Protanopia
2E2900

Deuteranopia
332708



Tritanopia
28292C

Trichromacy



Original Color
242C00

Protanomaly
2A2A00

Deuteranomaly
2E2905

Tritanomaly
272A1C

Monochromacy



Original Color
242C00

Achromatopsia
252525

Achromatomaly
252818

CSS Examples

Text

The CSS property to change the color of the text to Hex 242C00 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 #242C00 looks like.

```
.text, #text, p{  
    color:#242C00  
}
```

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 #242C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #242C00  
}
```

Border

The CSS property to change the border of an element to Hex 242C00 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".

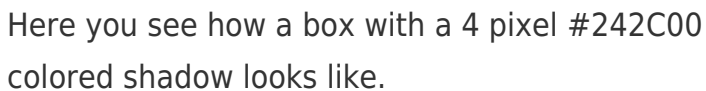
```
.border, #border, table{ border:4px solid  
#242C00 }
```

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

```
.border{ border-color:#242C00 }
```

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

Here you see how a box with a 4 pixel #242C00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #242C00; -webkit-box-shadow:4px 4px  
4px 4px #242C00; box-shadow:4px 4px 4px  
4px #242C00 }
```

Background

The CSS property to change the background color of an element to Hex 242C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#242C00 }
```

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

```
.background{ background-color:#242C00 }
```

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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