

Converting Colors

Hex(202D4F)

Have a look what the booklet for
Hex(202D4F) contains.

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Color

Hex(202D4F)

Conversions

Conversions Part 1

Format	Color
Hex	202D4F
RGB	32, 45, 79
RGB Percent	13%, 18%, 31%
CMY	0.8745, 0.8235, 0.6902
CMYK	0.59, 0.43, 0.00, 0.69
HSL	223°, 42%, 22%
HSV	223°, 59%, 31%
XYZ	2.9453, 2.7484, 7.7724
YIQ	44.9890, -18.6620, 7.8180

Conversions

Conversions Part 2

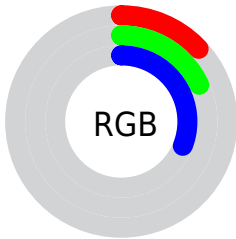
Format	Color
RYB	32, 42, 79
Decimal	2108751
CIELab	19.01, 6.16, -22.61
CIElCh	19, 23.433, 285.238
Yxy	2.7484, 0.2187, 0.2041
Android (android.graphics.Color)	4280298831 (0xFF202D4F)
YUV	44.9890, 16.7674, -11.3914
Hunter-Lab	16.5782, 2.7011, -16.1923

Details

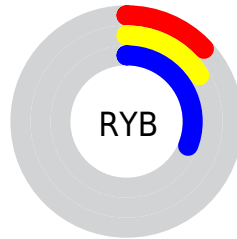
The Hex color **202D4F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4F4220**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **505A80**, and **000123** is the 20% darker color. If you saturate the color by 10%, you get **18274F**, and if you desaturate by 10%, it is **28334F**.

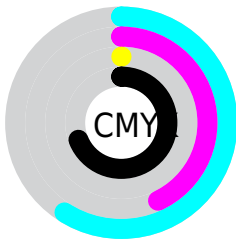
Distribution



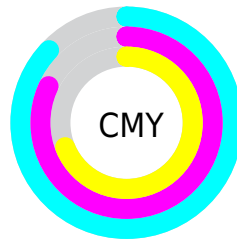
- Red (13%)
- Green (18%)
- Blue (31%)



- Red (13%)
- Yellow (16%)
- Blue (31%)



- Cyan (59%)
- Magenta (43%)
- Yellow (0%)
- Black (69%)



- Cyan (87%)
- Magenta (82%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 202D4F 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 202D4F by changing the saturation by 10% instead.

■ 202D4F

■ 202D4F

FFFFFF

■ 061938

■ 505A80

■ 000123

■ 69739B

■ 000009

■ 838CB5

■ 000000

■ 9EA7D1

■ B9C2ED

■ D5DEFF

■ F2FAFF

■ 202D4F

■ 202D4F

■ 18274F

■ 28334F

■ 10224F

■ 30384F

■ 081C4F

■ 383E4F

■ 00164F

■ 40444F

■ 484A4F

■ 4F4F4F

■ 57554F

■ 5F5B4F

■ 67604F

Harmonies

Analogous

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



00324F



202D4F



3A2646

Triad

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



202D4F



4A2417



003625

Complementary

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



202D4F



4F4220

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.



1C3415



202D4F



3F2A0B

Square

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



202D4F



4E1F26



2F300A



003737

Rectangle

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



202D4F



45223D



2F300A



09351F

Sweetspot

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



202D4F



545966



204F42



282B33



B3B3B3



333333

Same Dimension

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



202D4F



1E3266



2A204F



222326



001C66



003FE6

Inverse Universe

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



4F202D



661E32



454F20



262223



66001C



E6003F

Previews

White Background



This preview shows how the Hex color 202D4F looks on a white background.

Color Contrast Check

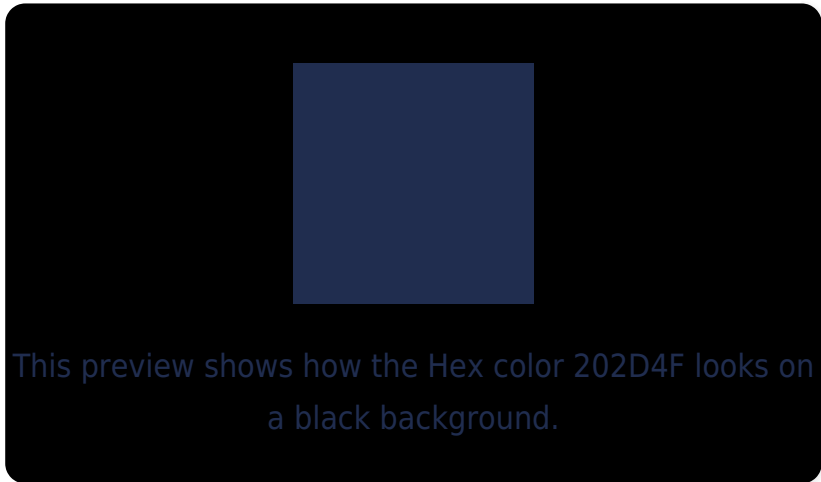
Large Text (above 18pt) WCAG AA ✓ Pass

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

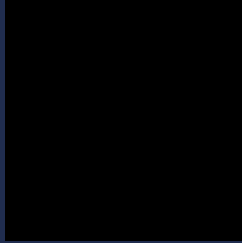
Any Text WCAG AA × Fail

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 202D4F Background



This preview shows how black text looks on a background with the Hex color 202D4F.



This preview shows how white text looks on a background with the Hex color 202D4F.

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](#).

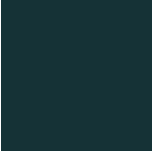
Dichromacy



Original Color
202D4F

Protanopia
1F2D4F

Deuteranopia
172F4F



Tritanopia
153236

Trichromacy



Original Color
202D4F

Protanomaly
1F2D4F

Deuteranomaly
1A2E4F

Tritanomaly
19303F

Monochromacy



Original Color
202D4F

Achromatopsia
2D2D2D

Achromatomaly
282D39

CSS Examples

Text

The CSS property to change the color of the text to Hex 202D4F 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 #202D4F looks like.

```
.text, #text, p{  
    color:#202D4F  
}
```

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 #202D4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #202D4F
}
```

Border

The CSS property to change the border of an element to Hex 202D4F 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
#202D4F }
```

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

```
.border{ border-color:#202D4F }
```

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

Here you see how a box with a 4 pixel #202D4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #202D4F; -webkit-box-shadow:4px 4px  
4px 4px #202D4F; box-shadow:4px 4px 4px  
4px #202D4F }
```

Background

The CSS property to change the background color of an element to Hex 202D4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#202D4F }
```

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

```
.background{ background-color:#202D4F }
```

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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