

Converting Colors

Hex(28204F)

Have a look what the booklet for
Hex(28204F) contains.

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Color

Hex(28204F)

Conversions

Conversions Part 1

Format	Color
Hex	28204F
RGB	40, 32, 79
RGB Percent	16%, 13%, 31%
CMY	0.8431, 0.8745, 0.6902
CMYK	0.49, 0.59, 0.00, 0.69
HSL	250°, 42%, 22%
HSV	250°, 59%, 31%
XYZ	2.8029, 2.0487, 7.6448
YIQ	39.7500, -10.3190, 16.3130

Conversions

Conversions Part 2

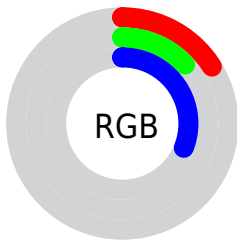
Format	Color
R_{YB}	40, 32, 79
Decimal	2629711
CIE Lab	15.74, 17.66, -27.78
CIE LCh	16, 32.922, 302.445
Yxy	2.0487, 0.2243, 0.1639
Android (android.graphics.Color)	4280819791 (0xFF28204F)
YUV	39.7500, 19.3502, 0.2193
Hunter-Lab	14.3131, 9.9068, -21.6484

Details

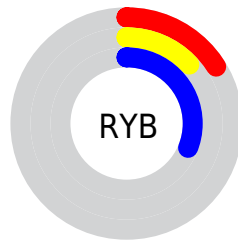
The Hex color **28204F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **474F20**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **584C81**, and **000222** is the 20% darker color. If you saturate the color by 10%, you get **21184F**, and if you desaturate by 10%, it is **2F284F**.

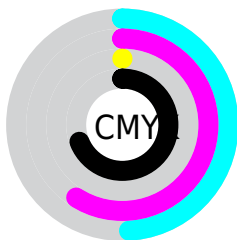
Distribution



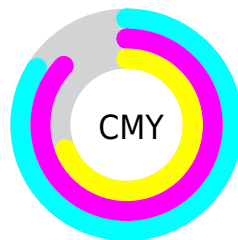
- Red (16%)
- Green (13%)
- Blue (31%)



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



- Cyan (49%)
- Magenta (59%)
- Yellow (0%)
- Black (69%)



- Cyan (84%)
- Magenta (87%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28204F 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 28204F by changing the saturation by 10% instead.

■ 28204F

■ 28204F

FFFFFF

■ 110B38

■ 584C81

■ 000222

■ 72649B

■ 000008

■ 8C7DB6

■ 000000

■ A797D1

■ C2B2EE

■ DECDFF

■ FBEAFF

■ 28204F

■ 28204F

■ 21184F

■ 2F284F

■ 1B104F

■ 35304F

■ 14084F

■ 3C384F

■ 0E004F

■ 42404F

■ 0D004F

■ 49484F

■ 4F4F4F

■ 56574F

■ 5C5F4F

■ 63674F

Harmonies

Analogous

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



002A56



28204F



44133D

Triad

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



28204F



421D00



003129

Complementary

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



28204F



474F20

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.



003010



28204F



302700

Square

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



28204F



4D120F



1A2D00



003140

Rectangle

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



28204F



4D0C2E



1A2D00



003120

Sweetspot

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



28204F



575466



20474F



2A2833



B3B3B3



333333

Same Dimension

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



28204F



2A1E66



3F204F



232226



110066



2700E6

Inverse Universe

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



4F2047



661E5A



304F20



262226



660055



E600BE

Previews

White Background



This preview shows how the Hex color 28204F looks on a white background.

Color Contrast Check

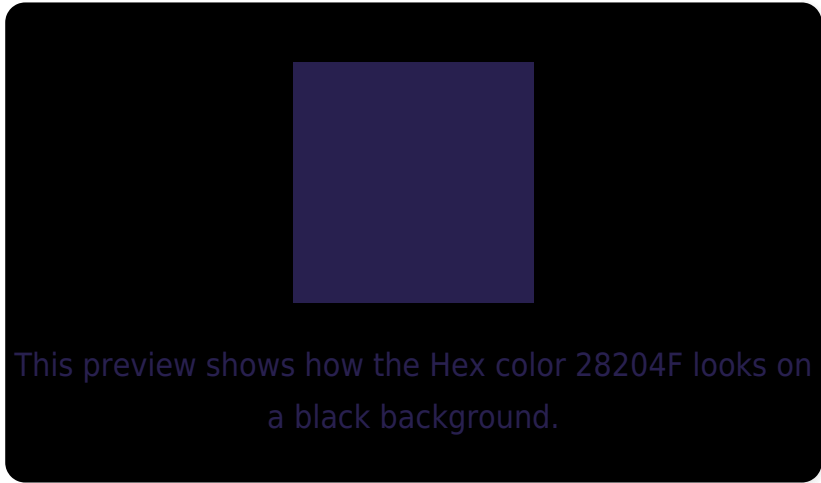
Large Text (above 18pt) WCAG AA ✓ Pass

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 28204F Background



This preview shows how black text looks on a background with the Hex color 28204F.



This preview shows how white text looks on a background with the Hex color 28204F.

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
28204F

Protanopia
002651

Deuteranopia
002846



Tritanopia
1E292D

Trichromacy



Original Color
28204F

Protanomaly
0F2450

Deuteranomaly
0F2549

Tritanomaly
222639

Monochromacy



Original Color
28204F

Achromatopsia
282828

Achromatomaly
282536

CSS Examples

Text

The CSS property to change the color of the text to Hex 28204F 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 #28204F looks like.

```
.text, #text, p{  
    color:#28204F  
}
```

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 #28204F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28204F
}
```

Border

The CSS property to change the border of an element to Hex 28204F is called "border". The border property can be set on classes, ids or directly on the HTML element.

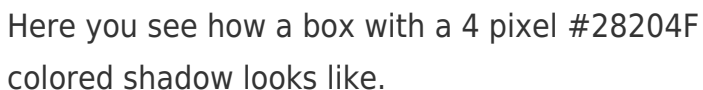
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#28204F }
```

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

```
.border{ border-color:#28204F }
```

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



Here you see how a box with a 4 pixel #28204F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28204F; -webkit-box-shadow:4px 4px  
4px 4px #28204F; box-shadow:4px 4px 4px  
4px #28204F }
```

Background

The CSS property to change the background color of an element to Hex 28204F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28204F }
```

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

```
.background{ background-color:#28204F }
```

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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