

Converting Colors

Hex(24092F)

Have a look what the booklet for
Hex(24092F) contains.

Hex(24092F)	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(24092F)

Conversions

Conversions Part 1

Format	Color
Hex	24092F
RGB	36, 9, 47
RGB Percent	14%, 4%, 18%
CMY	0.8588, 0.9647, 0.8157
CMYK	0.23, 0.81, 0.00, 0.82
HSL	283°, 68%, 11%
HSV	283°, 81%, 18%
XYZ	1.3383, 0.7757, 2.7685
YIQ	21.4050, 3.8940, 17.5420

Conversions

Conversions Part 2

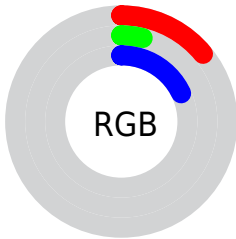
Format	Color
RYB	36, 9, 47
Decimal	2361647
CIELab	7.01, 21.57, -19.14
CIElCh	7, 28.842, 318.412
Yxy	0.7757, 0.2741, 0.1589
Android (android.graphics.Color)	4280551727 (0xFF24092F)
YUV	21.4050, 12.6183, 12.7998
Hunter-Lab	8.8073, 11.7118, -12.4724

Details

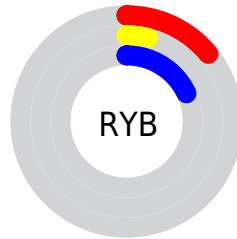
The Hex color **24092F** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **142F09**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **52345D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **23042F**, and if you desaturate by 10%, it is **250E2F**.

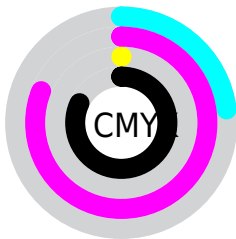
Distribution



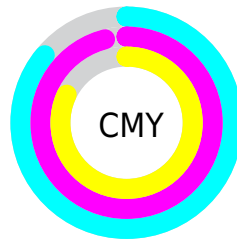
- Red (14%)
- Green (4%)
- Blue (18%)



- Red (14%)
- Yellow (4%)
- Blue (18%)



- Cyan (23%)
- Magenta (81%)
- Yellow (0%)
- Black (82%)



- Cyan (86%)
- Magenta (96%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24092F 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 24092F by changing the saturation by 10% instead.

 24092F

 24092F

 FFEAFF

 07001A

 52345D

 000000

 6B4C76

 856490

 9F7DAA

 BA97C6

 D6B2E2

 F3CDFE

 24092F

 24092F

■ 23042F

■ 250E2F

■ 21002F

■ 27122F

■ 28172F

■ 291C2F

■ 2B212F

■ 2C252F

■ 2E2A2F

■ 2F2F2F

■ 30332F

Harmonies

Analogous

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



00143A



24092F



33001E

Triad

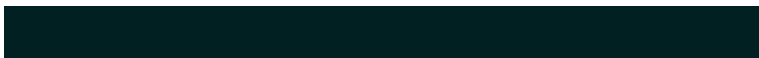
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24092F



231200



002021

Complementary

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



24092F



142F09

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.



00200A



24092F



0F1900

Square

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



24092F



2F0800



001D00



001E32

Rectangle

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



24092F



360010



001D00



00201A

Sweetspot

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



24092F



392F3D



09142F



1C161F



9E9E9E



1F1F1F

Same Dimension

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



24092F



2C023D



2F0927



161517



3E0057



9800D6

Inverse Universe

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



2F0914



3D0213



092F11



171515



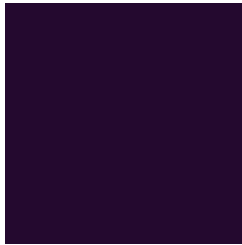
570019



D6003E

Previews

White Background



This preview shows how the Hex color 24092F 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

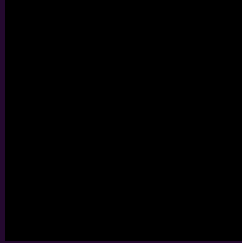
Any Text WCAG AA × Fail

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 24092F Background



This preview shows how black text looks on a background with the Hex color 24092F.



This preview shows how white text looks on a background with the Hex color 24092F.

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
24092F

Protanopia
001730

Deuteranopia
00182A

Trichromacy



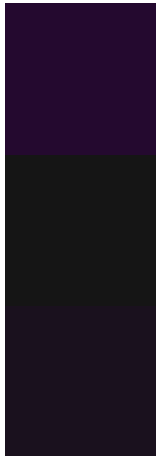
Original Color
24092F

Protanomaly
0D1230

Deuteranomaly
0D132C

Tritanomaly
21101E

Monochromacy



Original Color
24092F

Achromatopsia
151515

Achromatomaly
1A111E

CSS Examples

Text

The CSS property to change the color of the text to Hex 24092F 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 #24092F looks like.

```
.text, #text, p{  
    color:#24092F  
}
```

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 #24092F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24092F
}
```

Border

The CSS property to change the border of an element to Hex 24092F is called "border". The border property can be set on classes, ids or directly on the HTML element.

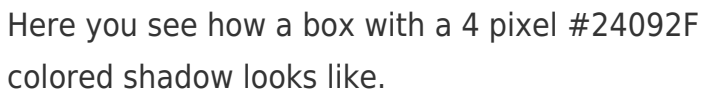
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#24092F }
```

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

```
.border{ border-color:#24092F }
```

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



Here you see how a box with a 4 pixel #24092F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24092F; -webkit-box-shadow:4px 4px  
4px 4px #24092F; box-shadow:4px 4px 4px  
4px #24092F }
```

Background

The CSS property to change the background color of an element to Hex 24092F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24092F }
```

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

```
.background{ background-color:#24092F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor