

Converting Colors

Hex(24072E)

Have a look what the booklet for
Hex(24072E) contains.

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Color

Hex(24072E)

Conversions

Conversions Part 1

Format	Color
Hex	24072E
RGB	36, 7, 46
RGB Percent	14%, 3%, 18%
CMY	0.8588, 0.9725, 0.8196
CMYK	0.22, 0.85, 0.00, 0.82
HSL	285°, 74%, 10%
HSV	285°, 85%, 18%
XYZ	1.2967, 0.7243, 2.6562
YIQ	20.1170, 4.7650, 18.2770

Conversions

Conversions Part 2

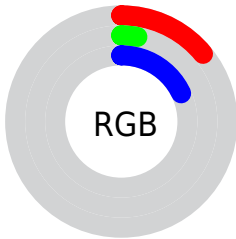
Format	Color
R_{YB}	36, 7, 46
Decimal	2361134
CIE Lab	6.54, 22.31, -19.14
CIE LCh	7, 29.392, 319.371
Yxy	0.7243, 0.2772, 0.1549
Android (android.graphics.Color)	4280551214 (0xFF24072E)
YUV	20.1170, 12.7603, 13.9294
Hunter-Lab	8.5105, 12.3033, -12.5478




Details

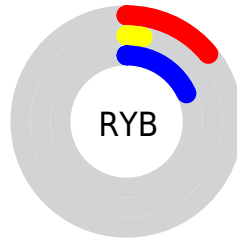
The Hex color **24072E** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **112E07**, and the grayscale version is **141414**.




A 20% lighter version of the original color is **52335C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **23022E**, and if you desaturate by 10%, it is **250C2E**.

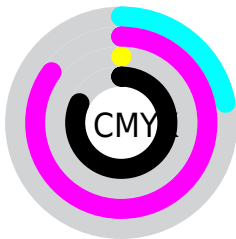
Distribution







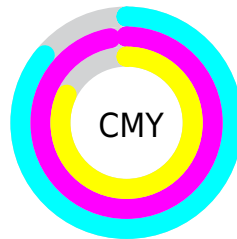
-  Red (14%)
-  Green (3%)
-  Blue (18%)






-  Red (14%)
-  Yellow (3%)
-  Blue (18%)



-  Cyan (22%)
-  Magenta (85%)
-  Yellow (0%)
-  Black (82%)



-  Cyan (86%)
-  Magenta (97%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24072E 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 24072E by changing the saturation by 10% instead.

 24072E

 24072E

 FFE8FF

 040019

 52335C

 000000

 6B4A75

 85628F

 9F7BA9

 BA95C4

 D6B0E0

 F3CCFD

 24072E

 24072E

■ 23022E

■ 250C2E

■ 22002E

■ 26102E

■ 28152E

■ 29192E

■ 2A1E2E

■ 2B232E

■ 2C272E

■ 2D2C2E

■ 2F302E

Harmonies

Analogous

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



001239



24072E



32001C

Triad

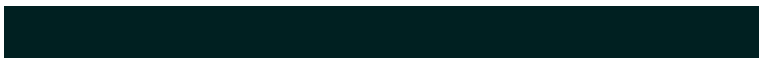
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24072E



211100



002021

Complementary

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



24072E



112E07

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.



001F09



24072E



0B1800

Square

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



24072E



2E0700



001D00



001E32

Rectangle

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



24072E



35000D



001D00



001F1A

Sweetspot

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



24072E



372C3B



07112E



1C151F



9E9E9E



1F1F1F

Same Dimension

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



24072E



2C003B



2E0725



161517



400057



9F00D6

Inverse Universe

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



2E0711



3B000F



072E10



171515



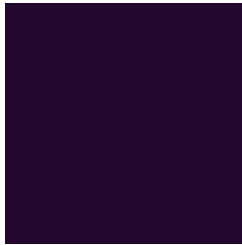
570016



D60037

Previews

White Background



This preview shows how the Hex color 24072E looks on a white background.

Color Contrast Check

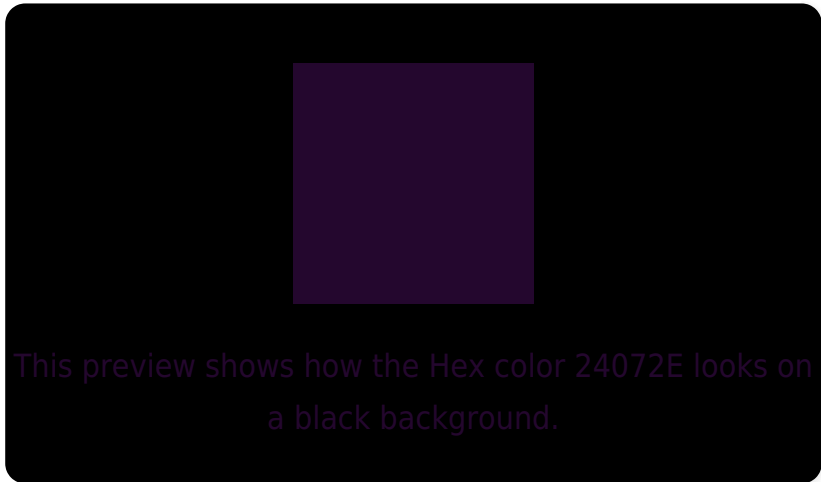
Large Text (above 18pt) WCAG AA ✓ Pass

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

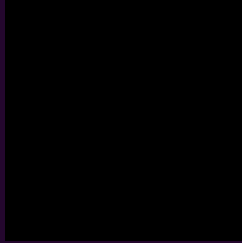
Any Text WCAG AA × Fail

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 24072E Background



This preview shows how black text looks on a background with the Hex color 24072E.



This preview shows how white text looks on a background with the Hex color 24072E.

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
24072E

Protanopia
00162E

Deuteranopia
001729

Trichromacy



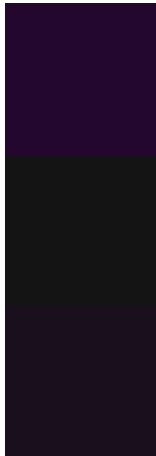
Original Color
24072E

Protanomaly
0D112E

Deuteranomaly
0D112B

Tritanomaly
210F1D

Monochromacy



Original Color
24072E

Achromatopsia
141414

Achromatomaly
1A0F1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 24072E 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 #24072E looks like.

```
.text, #text, p{  
    color:#24072E  
}
```

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 #24072E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24072E
}
```

Border

The CSS property to change the border of an element to Hex 24072E is called "border". The border property can be set on classes, ids or directly on the HTML element.

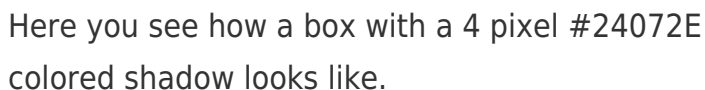
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#24072E }
```

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

```
.border{ border-color:#24072E }
```

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



Here you see how a box with a 4 pixel #24072E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24072E; -webkit-box-shadow:4px 4px  
4px 4px #24072E; box-shadow:4px 4px 4px  
4px #24072E }
```

Background

The CSS property to change the background color of an element to Hex 24072E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24072E }
```

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

```
.background{ background-color:#24072E }
```

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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