

# Converting Colors

Hex(25044E)

Have a look what the booklet for  
Hex(25044E) contains.

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# Color

**Hex(25044E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25044E
RGB	37, 4, 78
RGB Percent	15%, 2%, 31%
CMY	0.8549, 0.9843, 0.6941
CMYK	0.53, 0.95, 0.00, 0.69
HSL	267°, 90%, 16%
HSV	267°, 95%, 31%
XYZ	2.1815, 1.0302, 7.2916
YIQ	22.3030, -4.0860, 30.0100

# Conversions

## Conversions Part 2

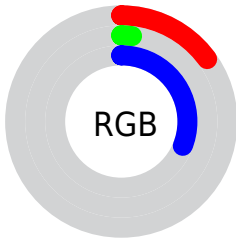
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 4, 78
Decimal	2425934
CIE Lab	9.24, 33.30, -37.70
CIE LCh	9, 50.300, 311.453
Yxy	1.0302, 0.2077, 0.0981
Android (android.graphics.Color)	4280616014 (0xFF25044E)
YUV	22.3030, 27.4586, 12.8893
Hunter-Lab	10.1499, 20.6025, -35.4884

# Details

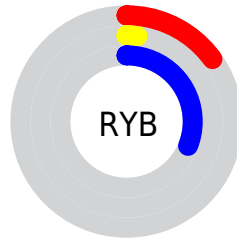
The Hex color **25044E** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2D4E04**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **583280**, and **000220** is the 20% darker color. If you saturate the color by 10%, you get **23004E**, and if you desaturate by 10%, it is **290C4E**.

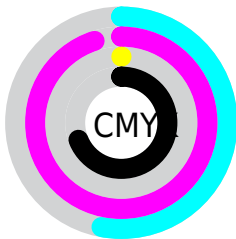
# Distribution



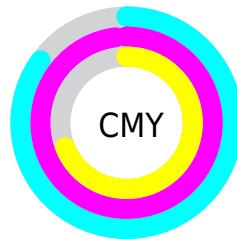
- Red (15%)
- Green (2%)
- Blue (31%)



- Red (15%)
- Yellow (2%)
- Blue (31%)



- Cyan (53%)
- Magenta (95%)
- Yellow (0%)
- Black (69%)



- Cyan (85%)
- Magenta (98%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25044E 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 25044E by changing the saturation by 10% instead.



 25044E

 25044E

 FFE9FF

 120037

 583280

 000220

 724A9A

 000005

 8C63B5

 000000

 A77CD1

 C396EE

 E0B1FF

 FDCDFF

 25044E

 25044E

■ 23004E

■ 290C4E

■ 2E144E

■ 321B4E

■ 36234E

■ 3B2B4E

■ 3F334E

■ 433B4E

■ 48424E

■ 4C4A4E

# Harmonies

## Analogous

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



001C5F



25044E



480030

# Triad

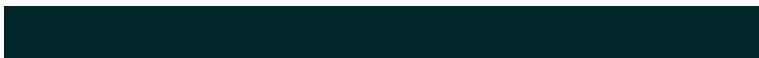
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25044E



321000



002727

# Complementary

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



25044E



2D4E04

# 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.



002600



25044E



161D00

# Square

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



25044E



460000



002400



002847

# Rectangle

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



25044E



4F001A



002400



00261B



# Sweetspot

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



25044E



564966



042E4E



292233



B3B3B3



333333



# Same Dimension

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



25044E



2D0066



49044E



242226



6600E6

# Inverse Universe

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



4E042D



660039



094E04



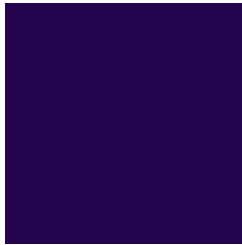
262225



E6007F

# Previews

## White Background



This preview shows how the Hex color 25044E looks on a white background.

## Color Contrast Check

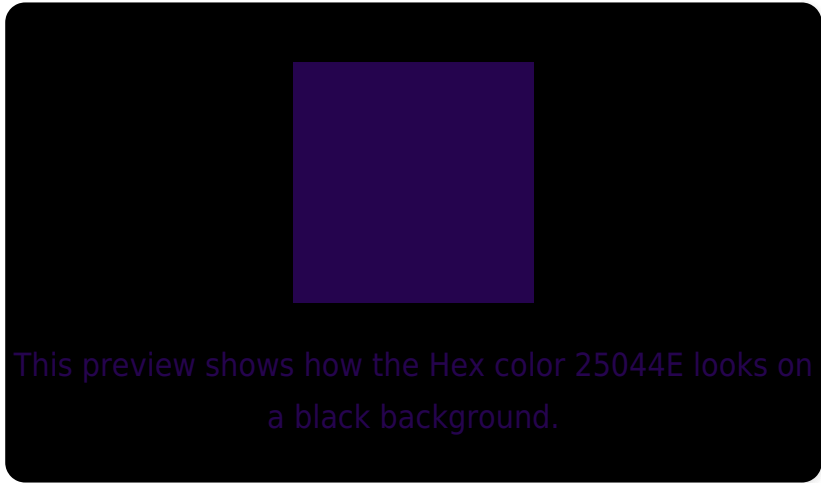
Large Text (above 18pt) WCAG AA ✓ Pass

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

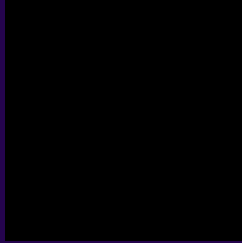
Any Text WCAG AA × Fail

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 25044E Background



This preview shows how black text looks on a background with the Hex color 25044E.



This preview shows how white text looks on a background with the Hex color 25044E.

# 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**  
25044E

**Protanopia**  
001C3B

**Deuteranopia**  
001E33





**Tritanopia**  
171E21

# Trichromacy



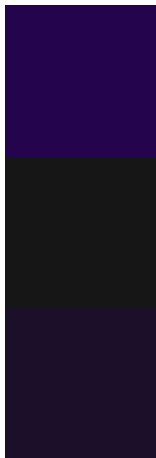
**Original Color**  
25044E

**Protanomaly**  
0D1342

**Deuteranomaly**  
0D153D

**Tritanomaly**  
1C1531

# Monochromacy



**Original Color**  
25044E

**Achromatopsia**  
161616

**Achromatomaly**  
1B0F2A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25044E 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 #25044E looks like.

```
.text, #text, p{  
    color:#25044E  
}
```

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 #25044E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25044E
}
```

## Border

The CSS property to change the border of an element to Hex 25044E 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".

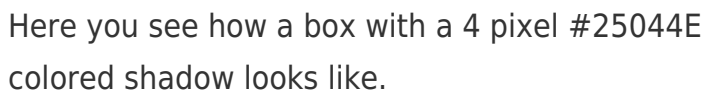
```
.border, #border, table{ border:4px solid
#25044E }
```

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

```
.border{ border-color:#25044E }
```

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

Here you see how a box with a 4 pixel #25044E colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25044E; -webkit-box-shadow:4px 4px  
4px 4px #25044E; box-shadow:4px 4px 4px  
4px #25044E }
```

# Background

The CSS property to change the background color of an element to Hex 25044E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25044E }
```

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

```
.background{ background-color:#25044E }
```

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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