

Converting Colors

Hex(25040D)

Have a look what the booklet for
Hex(25040D) contains.

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Color

Hex(25040D)

Conversions

Conversions Part 1

Format	Color
Hex	25040D
RGB	37, 4, 13
RGB Percent	15%, 2%, 5%
CMY	0.8549, 0.9843, 0.9490
CMYK	0.00, 0.89, 0.65, 0.85
HSL	344°, 80%, 8%
HSV	344°, 89%, 15%
XYZ	0.8790, 0.5092, 0.4327
YIQ	14.8930, 16.7790, 9.7950

Conversions

Conversions Part 2

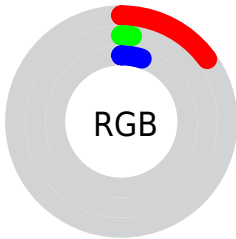
Format	Color
RYB	37, 4, 13
Decimal	2425869
CIELab	4.60, 16.16, 1.74
CIELCh	5, 16.254, 6.149
Yxy	0.5092, 0.4827, 0.2796
Android (android.graphics.Color)	4280615949 (0xFF25040D)
YUV	14.8930, -0.9332, 19.3878
Hunter-Lab	7.1359, 9.5002, 1.3997

Details

The Hex color **25040D** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **04251C**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **523138**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **25000A**, and if you desaturate by 10%, it is **250810**.

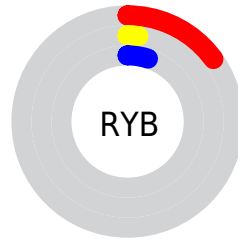
Distribution



Red (15%)

Green (2%)

Blue (5%)



Red (15%)

Yellow (2%)

Blue (5%)

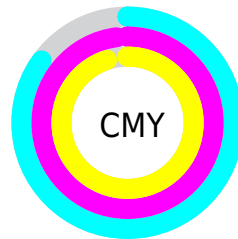


Cyan (0%)

Magenta (89%)

Yellow (65%)

Black (85%)



Cyan (85%)

Magenta (98%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25040D 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 25040D by changing the saturation by 10% instead.

 25040D

 25040D

 FFE5ED

 000000

 523138

 6B484F

 856067

 9F7980

 BA939A

 D6ADB5

 F3C9D0

 25040D

 25040D

■ 25000A

■ 250810

■ 250B12

■ 250F15

■ 251318

■ 25171A

■ 251A1D

■ 251E20

■ 252223

■ 252525

Harmonies

Analogous

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



20061A



25040D



250600

Triad

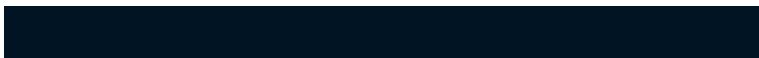
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25040D



011400



001424

Complementary

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



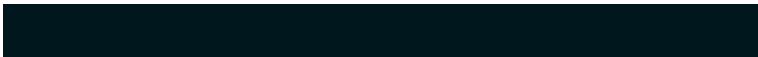
25040D



04251C

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.



00171D



25040D



001700

Square

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



25040D



131000



001812



001026

Rectangle

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



25040D



210900



001812



001522

Sweetspot

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



25040D



302327



1C0425



1A1114



999999



1A1A1A

Same Dimension

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



25040D



30000D



250B04



121011



520016



D10039

Inverse Universe

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



25040D



30000D



041E25



121011



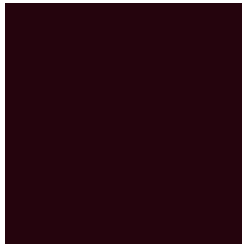
520016



D10039

Previews

White Background



This preview shows how the Hex color 25040D looks on a white background.

Color Contrast Check

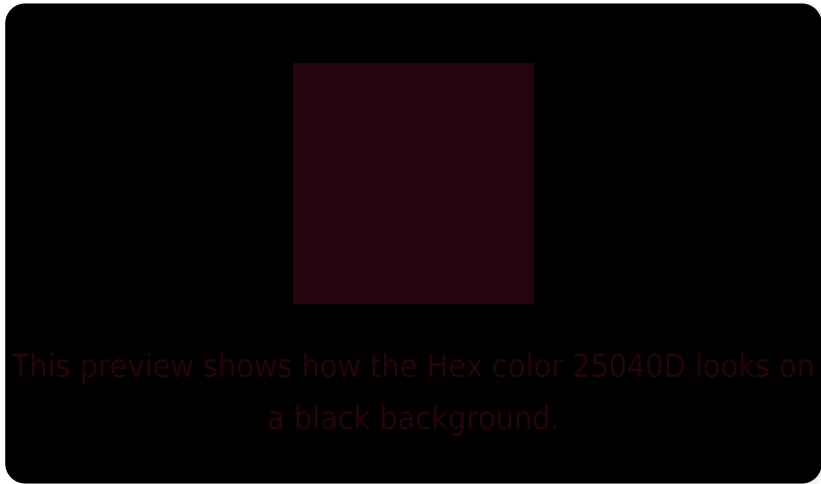
Large Text (above 18pt) WCAG AA ✓ Pass

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

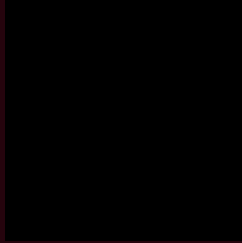
Any Text WCAG AA × Fail

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 25040D Background



This preview shows how black text looks on a background with the Hex color 25040D.

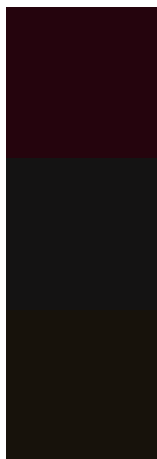


This preview shows how white text looks on a background with the Hex color 25040D.

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](#).

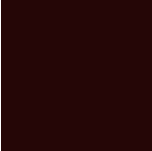
Dichromacy



Original Color
25040D

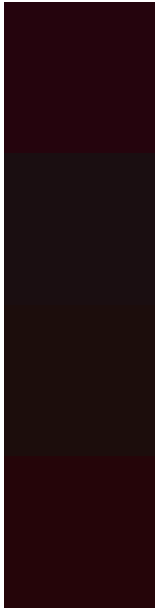
Protanopia
141313

Deuteranopia
17120B



Tritanopia
250606

Trichromacy



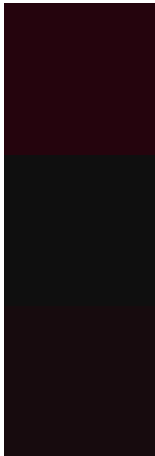
Original Color
25040D

Protanomaly
1A0E11

Deuteranomaly
1C0D0C

Tritanomaly
250509

Monochromacy



Original Color
25040D

Achromatopsia
0F0F0F

Achromatomaly
170B0E

CSS Examples

Text

The CSS property to change the color of the text to Hex 25040D 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 #25040D looks like.

```
.text, #text, p{  
    color:#25040D  
}
```

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 #25040D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25040D
}
```

Border

The CSS property to change the border of an element to Hex 25040D is called "border". The border property can be set on classes, ids or directly on the HTML element.

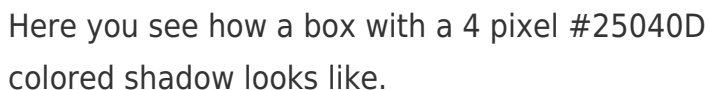
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#25040D }
```

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

```
.border{ border-color:#25040D }
```

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



Here you see how a box with a 4 pixel #25040D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25040D; -webkit-box-shadow:4px 4px  
4px 4px #25040D; box-shadow:4px 4px 4px  
4px #25040D }
```

Background

The CSS property to change the background color of an element to Hex 25040D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25040D }
```

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

```
.background{ background-color:#25040D }
```

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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