

Converting Colors

Hex(2E2084)

Have a look what the booklet for
Hex(2E2084) contains.

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Color

Hex(2E2084)

Conversions

Conversions Part 1

Format	Color
Hex	2E2084
RGB	46, 32, 132
RGB Percent	18%, 13%, 52%
CMY	0.8196, 0.8745, 0.4824
CMYK	0.65, 0.76, 0.00, 0.48
HSL	248°, 61%, 32%
HSV	248°, 76%, 52%
XYZ	5.8081, 3.2798, 22.1567
YIQ	47.5860, -23.7560, 34.0680

Conversions

Conversions Part 2

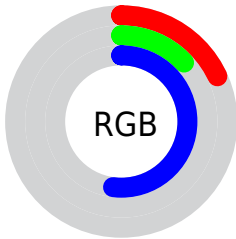
Format	Color
R_{YB}	46, 32, 132
Decimal	3022980
CIE _{Lab}	21.13, 36.89, -53.62
CIE _{LCh}	21, 65.083, 304.530
Yxy	3.2798, 0.1859, 0.1050
Android (android.graphics.Color)	4281213060 (0xFF2E2084)
YUV	47.5860, 41.6161, -1.3909
Hunter-Lab	18.1102, 25.5533, -59.8604

Details

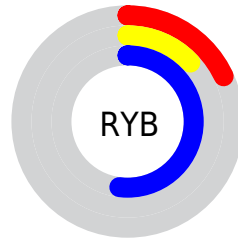
The Hex color **2E2084** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **768420**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **674EBA**, and **000051** is the 20% darker color. If you saturate the color by 10%, you get **231384**, and if you desaturate by 10%, it is **392D84**.

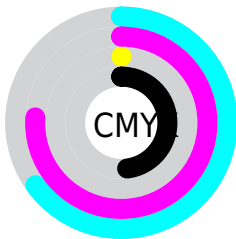
Distribution



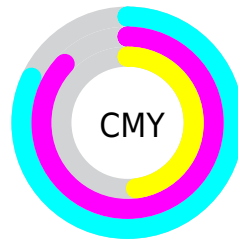
- Red (18%)
- Green (13%)
- Blue (52%)



- Red (18%)
- Yellow (13%)
- Blue (52%)



- Cyan (65%)
- Magenta (76%)
- Yellow (0%)
- Black (48%)



- Cyan (82%)
- Magenta (87%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E2084 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 2E2084 by changing the saturation by 10% instead.



2E2084



2E2084

FFFFFF



050A6A



674EBA



000051



8367D6



000539



9F80F3



000223



BC9BFF



000009



D9B6FF



000000



F7D1FF



FFEEFF



2E2084



2E2084

■ 231384

■ 392D84

■ 170684

■ 453A84

■ 120084

■ 504884

■ 5B5584

■ 676284

■ 726F84

■ 7D7C84

■ 898A84

■ 949784

Harmonies

Analogous

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



003996



2E2084



6E005D

Triad

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



2E2084



5F1D00



004439

Complementary

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



2E2084



768420

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.



004200



2E2084



393400

Square

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



2E2084



790000



003E00



004469

Rectangle

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



2E2084



7D003E



003E00



004328

Sweetspot

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



2E2084



8984AB



207784



423E57



D6D6D6



575757

Same Dimension

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



2E2084



250FAB



5F2084



3D3C42



120082



000003

Inverse Universe

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



842076



AB0F95



458420



423C41



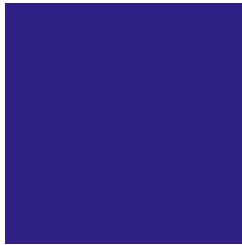
820070



030002

Previews

White Background



This preview shows how the Hex color 2E2084 looks on a white background.

Color Contrast Check

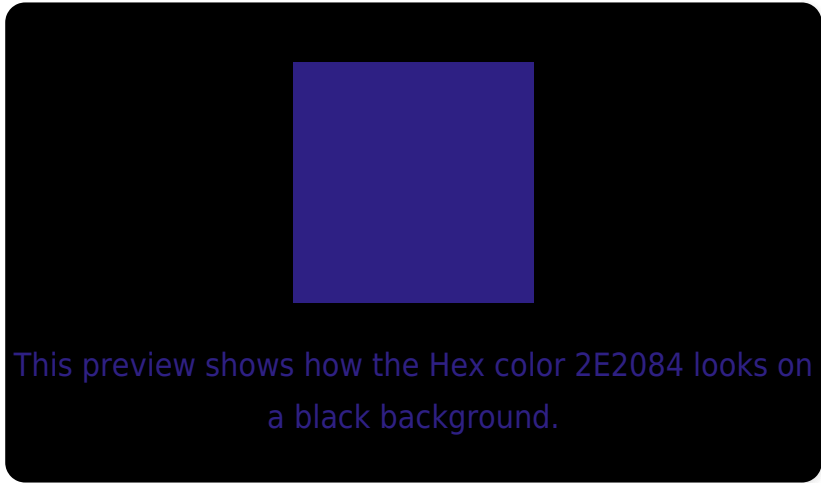
Large Text (above 18pt) WCAG AA ✓ Pass

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

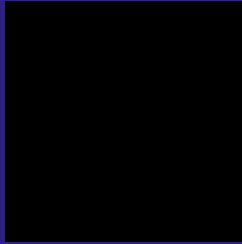
Any Text WCAG AA × Fail

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 2E2084 Background



This preview shows how black text looks on a background with the Hex color 2E2084.



This preview shows how white text looks on a background with the Hex color 2E2084.

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
2E2084

Protanopia
003268

Deuteranopia
003559



Tritanopia
00393D

Trichromacy



Original Color
2E2084

Protanomaly
112B72

Deuteranomaly
112D69

Tritanomaly
113057

Monochromacy



Original Color
2E2084

Achromatopsia
303030

Achromatomaly
2F2A4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E2084 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 #2E2084 looks like.

```
.text, #text, p{  
    color:#2E2084  
}
```

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 #2E2084 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2084
}
```

Border

The CSS property to change the border of an element to Hex 2E2084 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
#2E2084 }
```

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

```
.border{ border-color:#2E2084 }
```

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

Here you see how a box with a 4 pixel #2E2084 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2084; -webkit-box-shadow:4px 4px  
4px 4px #2E2084; box-shadow:4px 4px 4px  
4px #2E2084 }
```

Background

The CSS property to change the background color of an element to Hex 2E2084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2084 }
```

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

```
.background{ background-color:#2E2084 }
```

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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