

Converting Colors

Hex(2E4193)

Have a look what the booklet for
Hex(2E4193) contains.

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Color

Hex(2E4193)

Conversions

Conversions Part 1

Format	Color
Hex	2E4193
RGB	46, 65, 147
RGB Percent	18%, 25%, 58%
CMY	0.8196, 0.7451, 0.4235
CMYK	0.69, 0.56, 0.00, 0.42
HSL	229°, 52%, 38%
HSV	229°, 69%, 58%
XYZ	8.2835, 6.4680, 28.4156
YIQ	68.6670, -37.6460, 21.4740

Conversions

Conversions Part 2

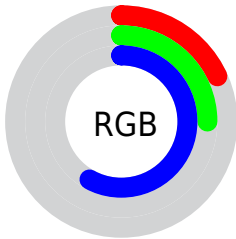
Format	Color
R_{YB}	46, 62, 147
Decimal	3031443
CIE _{Lab}	30.56, 20.97, -47.53
CIE _{LCh}	31, 51.949, 293.813
Yxy	6.4680, 0.1919, 0.1498
Android (android.graphics.Color)	4281221523 (0xFF2E4193)
YUV	68.6670, 38.6182, -19.8790
Hunter-Lab	25.4323, 13.6321, -48.4424

Details

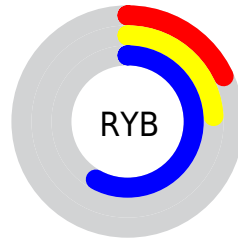
The Hex color **2E4193** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **93802E**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6870CA**, and **00175F** is the 20% darker color. If you saturate the color by 10%, you get **1F3593**, and if you desaturate by 10%, it is **3D4D93**.

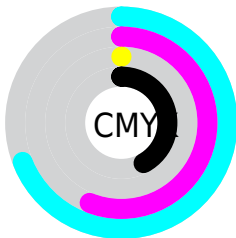
Distribution



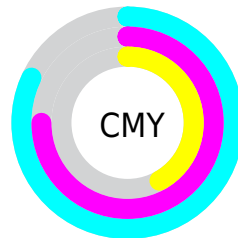
- Red (18%)
- Green (25%)
- Blue (58%)



- Red (18%)
- Yellow (24%)
- Blue (58%)



- Cyan (69%)
- Magenta (56%)
- Yellow (0%)
- Black (42%)



- Cyan (82%)
- Magenta (75%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E4193 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 2E4193 by changing the saturation by 10% instead.

■ 2E4193

■ 2E4193

FFFFFF

■ 012B79

■ 6870CA

■ 00175F

■ 848AE6

■ 000047

■ A0A4FF

■ 000430

■ BDBFFF

■ 00011A

■ DADBFF

■ 000000

■ F7F7FF

■ 2E4193

■ 2E4193

■ 1F3593

■ 3D4D93

■ 112993

■ 4B5993

■ 021D93

■ 5A6593

■ 001C93

■ 697193

■ 787D93

■ 868993

■ 959593

■ A4A093

■ B2AC93

Harmonies

Analogous

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



005099



2E4193



6F2B78

Triad

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



2E4193



7C3100



00593E

Complementary

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



2E4193



93802E

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.



005612



2E4193



604300

Square

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



2E4193



8C192A



3A4F00



005968

Rectangle

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



2E4193



841A60



3A4F00



005830

Sweetspot

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



2E4193



979FBF



2E937F



494D61



E0E0E0



616161

Same Dimension

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



2E4193



2240BF



4C2E93



43444A



001A8A



00020A

Inverse Universe

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



932E41



BF2240



75932E



4A4344



8A001A



0A0002

Previews

White Background



This preview shows how the Hex color 2E4193 looks on a white background.

Color Contrast Check

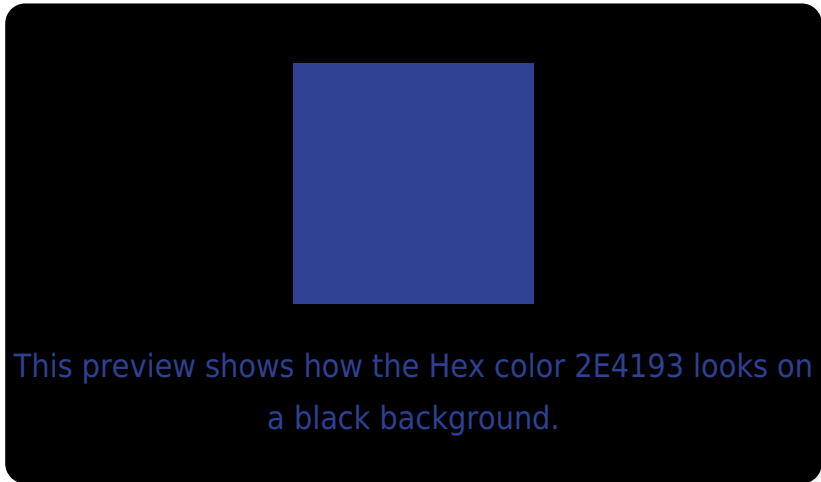
Large Text (above 18pt) WCAG AA ✓ Pass

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

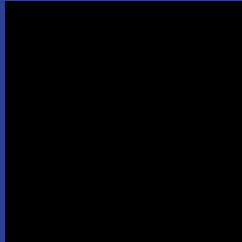
Any Text WCAG AA × Fail

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 2E4193 Background



This preview shows how black text looks on a background with the Hex color 2E4193.



This preview shows how white text looks on a background with the Hex color 2E4193.

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
2E4193

Protanopia
004593

Deuteranopia
004A7F

Trichromacy



Original Color
2E4193

Protanomaly
114493

Deuteranomaly
114786

Tritanomaly
114B6C

Monochromacy



Original Color
2E4193

Achromatopsia
454545

Achromatomaly
3D4461

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E4193 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 #2E4193 looks like.

```
.text, #text, p{  
    color:#2E4193  
}
```

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 #2E4193 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4193
}
```

Border

The CSS property to change the border of an element to Hex 2E4193 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".

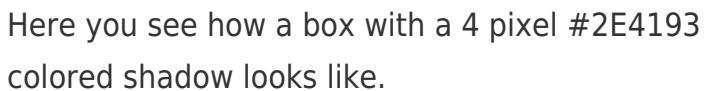
```
.border, #border, table{ border:4px solid
#2E4193 }
```

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

```
.border{ border-color:#2E4193 }
```

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

Here you see how a box with a 4 pixel #2E4193 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4193; -webkit-box-shadow:4px 4px  
4px 4px #2E4193; box-shadow:4px 4px 4px  
4px #2E4193 }
```

Background

The CSS property to change the background color of an element to Hex 2E4193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4193 }
```

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

```
.background{ background-color:#2E4193 }
```

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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