

Converting Colors

Hex(2E20A5)

Have a look what the booklet for
Hex(2E20A5) contains.

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Color

Hex(2E20A5)

Conversions

Conversions Part 1

Format	Color
Hex	2E20A5
RGB	46, 32, 165
RGB Percent	18%, 13%, 65%
CMY	0.8196, 0.8745, 0.3529
CMYK	0.72, 0.81, 0.00, 0.35
HSL	246°, 68%, 39%
HSV	246°, 81%, 65%
XYZ	8.4348, 4.3305, 35.9886
YIQ	51.3480, -34.3490, 44.3310

Conversions

Conversions Part 2

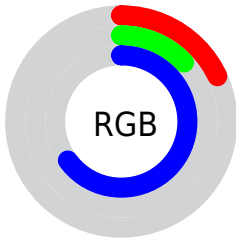
Format	Color
R _Y B	46, 32, 165
Decimal	3023013
CIE _{Lab}	24.74, 47.44, -68.05
CIE _{LCh}	25, 82.953, 304.882
Y _{xy}	4.3305, 0.1730, 0.0888
Android (android.graphics.Color)	4281213093 (0xFF2E20A5)
YUV	51.3480, 56.0304, -4.6902
Hunter-Lab	20.8098, 35.9336, -87.9697

Details

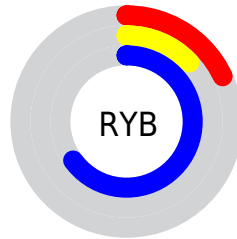
The Hex color **2E20A5** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **97A520**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **6F50DD**, and **000070** is the 20% darker color. If you saturate the color by 10%, you get **1F0FA5**, and if you desaturate by 10%, it is **3D31A5**.

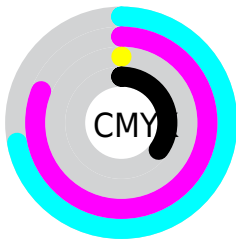
Distribution



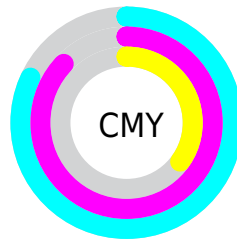
- Red (18%)
- Green (13%)
- Blue (65%)



- Red (18%)
- Yellow (13%)
- Blue (65%)



- Cyan (72%)
- Magenta (81%)
- Yellow (0%)
- Black (35%)



- Cyan (82%)
- Magenta (87%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E20A5 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 2E20A5 by changing the saturation by 10% instead.

■ 2E20A5

■ 2E20A5

FFFFFF

■ 00078A

■ 6F50DD

■ 000070

■ 8C69FA

■ 000056

■ AA83FF

■ 00063E

■ C89EFF

■ 000327

■ E6B9FF

■ 000110

■ FFD5FF

■ 000000

■ FFF2FF

■ 2E20A5

■ 2E20A5

■ 1F0FA5

■ 3D31A5

■ 1100A5

■ 4C41A5

■ 5A51A5

■ 6962A5

■ 7872A5

■ 8783A5

■ 9593A5

■ A4A4A5

■ B3B4A5

Harmonies

Analogous

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



0043BD



2E20A5



870071

Triad

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



2E20A5



711D00



004F44

Complementary

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



2E20A5



97A520

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.



004D00



2E20A5



403D00

Square

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



2E20A5



930000



004900



005183

Rectangle

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



2E20A5



9B0049



004900



004E2E

Sweetspot

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



2E20A5



A8A3D6



2098A5



4F4C6B



EBEBEB



6B6B6B

Same Dimension

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



2E20A5



1C06D6



7020A5



4A4952



0F0091



020012

Inverse Universe

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



A52097



D606C0



55A520



524951



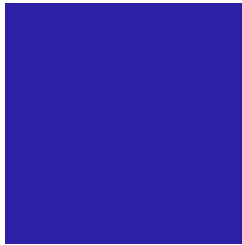
910082



120010

Previews

White Background



This preview shows how the Hex color 2E20A5 looks on a white background.

Color Contrast Check

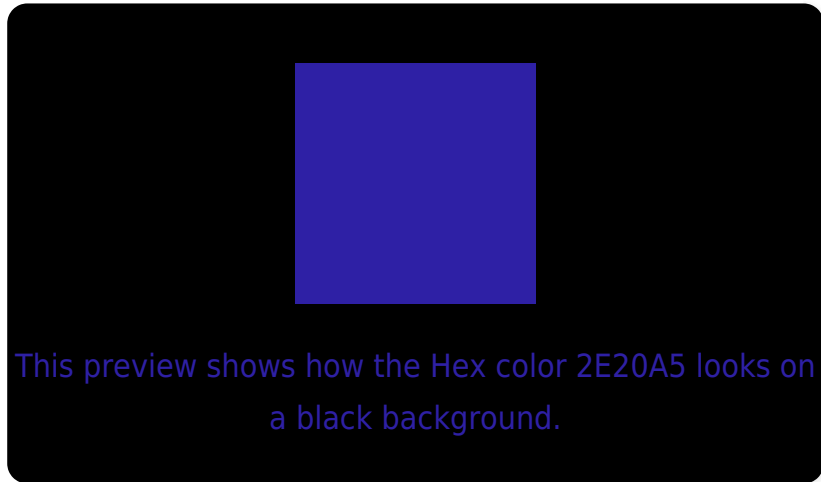
Large Text (above 18pt) WCAG AA ✓ Pass

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

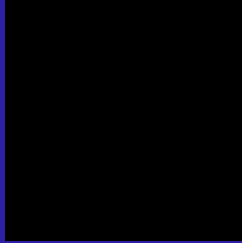
Any Text WCAG AA × Fail

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 2E20A5 Background



This preview shows how black text looks on a background with the Hex color 2E20A5.

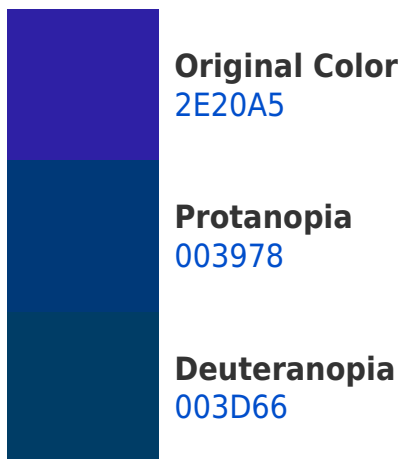


This preview shows how white text looks on a background with the Hex color 2E20A5.

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



Trichromacy



Original Color
2E20A5

Protanomaly
113088

Deuteranomaly
11327D

Tritanomaly
113669

Monochromacy



Original Color
2E20A5

Achromatopsia
333333

Achromatomaly
312C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E20A5 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 #2E20A5 looks like.

```
.text, #text, p{  
    color:#2E20A5  
}
```

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 #2E20A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E20A5
}
```

Border

The CSS property to change the border of an element to Hex 2E20A5 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
#2E20A5 }
```

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

```
.border{ border-color:#2E20A5 }
```

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

Here you see how a box with a 4 pixel #2E20A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E20A5; -webkit-box-shadow:4px 4px  
4px 4px #2E20A5; box-shadow:4px 4px 4px  
4px #2E20A5 }
```

Background

The CSS property to change the background color of an element to Hex 2E20A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E20A5 }
```

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

```
.background{ background-color:#2E20A5 }
```

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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