

# Converting Colors

Hex(E4285B)

Have a look what the booklet for  
Hex(E4285B) contains.

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# Color

**Hex(E4285B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4285B
RGB	228, 40, 91
RGB Percent	89%, 16%, 36%
CMY	0.1059, 0.8431, 0.6431
CMYK	0.00, 0.82, 0.60, 0.11
HSL	344°, 78%, 53%
HSV	344°, 82%, 89%
XYZ	34.6420, 18.7669, 11.6941
YIQ	102.0260, 95.6770, 55.7170

# Conversions

## Conversions Part 2

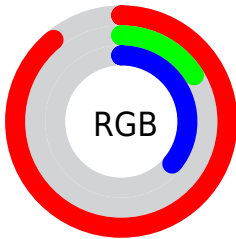
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 40, 91
Decimal	14952539
CIE <sub>Lab</sub>	50.41, 70.89, 19.44
CIE <sub>LCh</sub>	50, 73.508, 15.333
Yxy	18.7669, 0.5321, 0.2883
Android (android.graphics.Color)	4293142619 (0xFFE4285B)
YUV	102.0260, -5.4358, 110.4792
Hunter-Lab	43.3208, 66.9285, 14.3197

# Details

The Hex color **E4285B** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **28E4B1**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF6B8D**, and **A5002E** is the 20% darker color. If you saturate the color by 10%, you get **E4114A**, and if you desaturate by 10%, it is **E43F6C**.

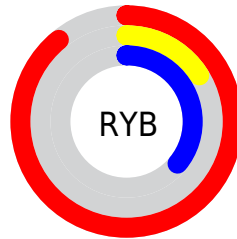
# Distribution



Red (89%)

Green (16%)

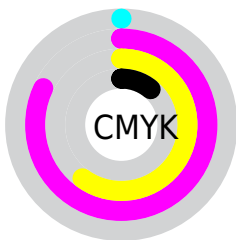
Blue (36%)



Red (89%)

Yellow (16%)

Blue (36%)

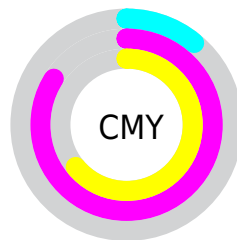


Cyan (0%)

Magenta (82%)

Yellow (60%)

Black (11%)



Cyan (11%)

Magenta (84%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4285B 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 E4285B by changing the saturation by 10% instead.



 E4285B

 E4285B

FFFFFF

 C40044

 FF6B8D

 A5002E

 FF88A7

 86001A

 FFA6C2

 680001

 FFC3DE

 4A0004

 FFE1FB

 2A0001

 000000

 E4285B

 E4285B

 E4114A

 E43F6C

 E4003E

 E4567C

 E46C8D

 E4839D

 E49AAE

 E4B1BF

 E4C8CF

 E4DEE0

 E4F5F1

# Harmonies

## Analogous

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



D73099



E4285B



D24A1E

# Triad

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



E4285B



1A8B09



0088F2

# Complementary

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



E4285B



28E4B1

# 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.



0091D1



E4285B



009156

# Square

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



E4285B



747F00



009397



0075F2

# Rectangle

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



E4285B



BA6000



009397



008CEA



# Sweetspot

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



E4285B



FFBFD1



AF28E4



805964



000000



808080



# Same Dimension

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



E4285B



FF0347



E45128



73676A



B30030



33000E



# Inverse Universe

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



E4285B



FF0347



28BBE4



73676A



B30030

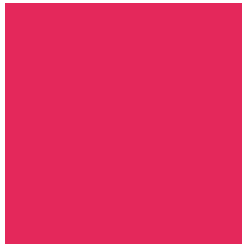


33000E



# Previews

## White Background



This preview shows how the Hex color E4285B looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E4285B Background



This preview shows how black text looks on a background with the Hex color E4285B.



This preview shows how white text looks on a background with the Hex color E4285B.

# 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



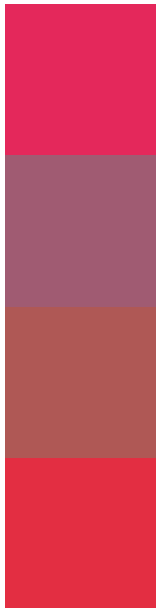
**Original Color**  
E4285B

**Protanopia**  
79787F

**Deuteranopia**  
907352



# Trichromacy



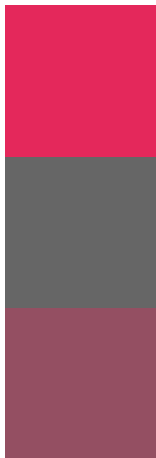
**Original Color**  
E4285B

**Protanomaly**  
A05B72

**Deuteranomaly**  
AF5855

**Tritanomaly**  
E32E42

# Monochromacy



**Original Color**  
E4285B

**Achromatopsia**  
666666

**Achromatomaly**  
944F62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4285B 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 #E4285B looks like.

```
.text, #text, p{  
    color:#E4285B  
}
```

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 #E4285B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4285B
}
```

## Border

The CSS property to change the border of an element to Hex E4285B is called "border". The border property can be set on classes, ids or directly on the HTML element.

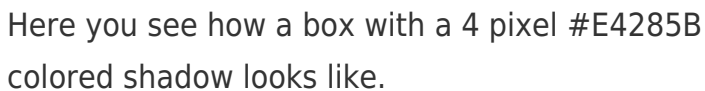
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E4285B }
```

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

```
.border{ border-color:#E4285B }
```

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



Here you see how a box with a 4 pixel #E4285B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4285B; -webkit-box-shadow:4px 4px  
4px 4px #E4285B; box-shadow:4px 4px 4px  
4px #E4285B }
```

# Background

The CSS property to change the background color of an element to Hex E4285B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4285B }
```

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

```
.background{ background-color:#E4285B }
```

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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