

# Converting Colors

Hex(BF2E53)

Have a look what the booklet for  
Hex(BF2E53) contains.

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# Color

**Hex(BF2E53)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF2E53
RGB	191, 46, 83
RGB Percent	75%, 18%, 33%
CMY	0.2510, 0.8196, 0.6745
CMYK	0.00, 0.76, 0.57, 0.25
HSL	345°, 61%, 46%
HSV	345°, 76%, 75%
XYZ	24.0242, 13.6549, 9.5531
YIQ	93.5730, 74.5430, 42.2470

# Conversions

## Conversions Part 2

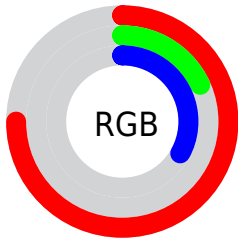
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 46, 83
Decimal	12529235
CIE Lab	43.73, 58.66, 14.12
CIE LCh	44, 60.337, 13.533
Yxy	13.6549, 0.5086, 0.2891
Android (android.graphics.Color)	4290719315 (0xFFBF2E53)
YUV	93.5730, -5.2125, 85.4435
Hunter-Lab	36.9525, 51.3825, 10.5390

# Details

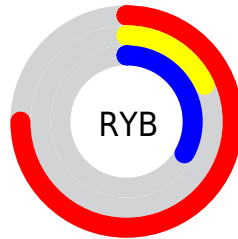
The Hex color **BF2E53** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **2EBF9A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FD6984**, and **830027** is the 20% darker color. If you saturate the color by 10%, you get **BF1B45**, and if you desaturate by 10%, it is **BF4161**.

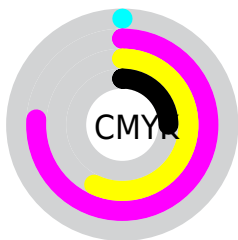
# Distribution



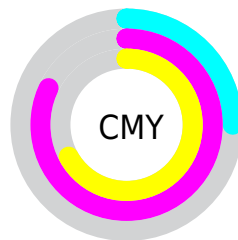
- Red (75%)
- Green (18%)
- Blue (33%)



- Red (75%)
- Yellow (18%)
- Blue (33%)



- Cyan (0%)
- Magenta (76%)
- Yellow (57%)
- Black (25%)



- Cyan (25%)
- Magenta (82%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF2E53 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 BF2E53 by changing the saturation by 10% instead.



 BF2E53

 BF2E53

FFFFFF

 A1003C

 FD6984

 830027

 FF859E

 650013

 FFA1B9

 490001

 FFBDD5

 2C0001

 FFDAF1

 000000

 FFF8FF

 BF2E53

 BF2E53

 BF1B45

 BF4161

 BF0837

 BF546F

 BF0031

 BF677E

 BF7A8C

 BF8E9A

 BFA1A8

 BFB4B7

 BFC7C5

 BFDAD3

# Harmonies

## Analogous

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



B23485



BF2E53



B24323

# Triad

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



BF2E53



2B7713



0075C8

# Complementary

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



BF2E53



2EBF9A

# 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.



007CAC



BF2E53



007C49

# Square

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



BF2E53



686C00



007E7D



0066CA

# Rectangle

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



BF2E53



9F5300



007E7D



0078C1



# Sweetspot

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



BF2E53



F7BECD



982EBF



7D5A63



FCFCFC



7D7D7D



# Same Dimension

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



BF2E53



F71650



BF502E



5E5557



9E0028



1F0008



# Inverse Universe

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



BF2E53



F71650



2E9DBF



5E5557



9E0028



1F0008



# Previews

## White Background



This preview shows how the Hex color BF2E53 looks on a white background.

## Color Contrast Check

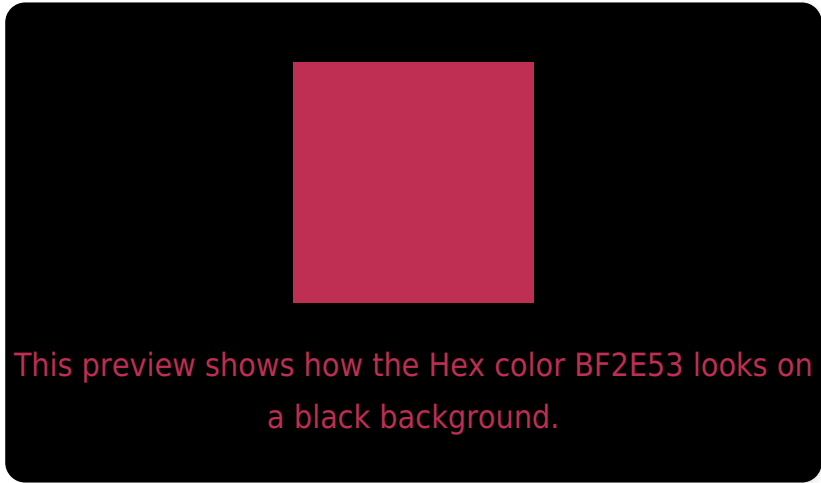
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex BF2E53 Background



This preview shows how black text looks on a background with the Hex color BF2E53.

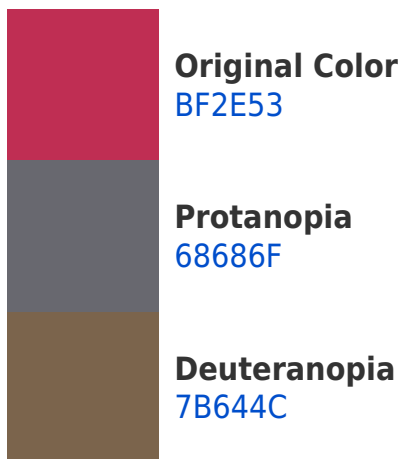


This preview shows how white text looks on a background with the Hex color BF2E53.

# Color Blindness Simulation

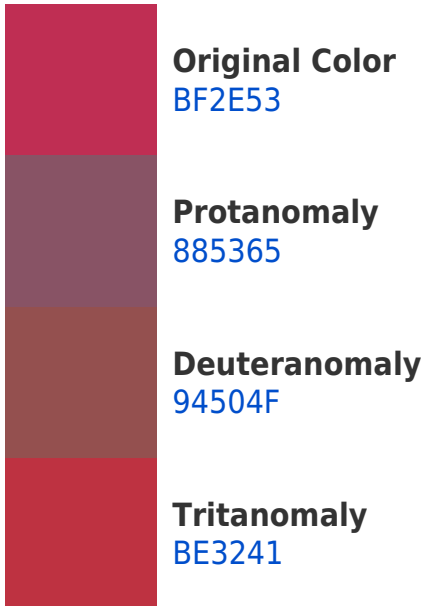
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

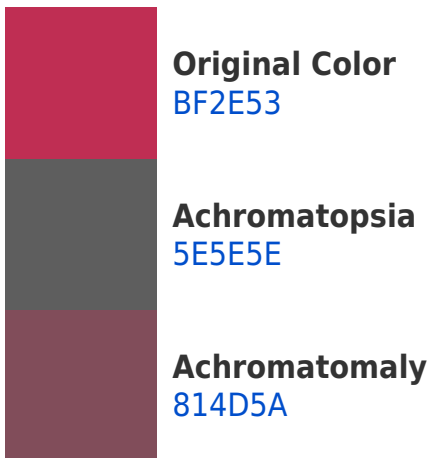




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF2E53 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 #BF2E53 looks like.

```
.text, #text, p{  
    color:#BF2E53  
}
```

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 #BF2E53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF2E53
}
```

## Border

The CSS property to change the border of an element to Hex BF2E53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

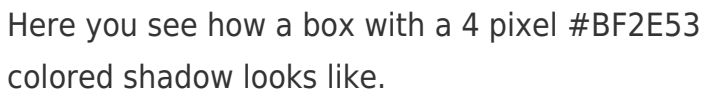
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF2E53 }
```

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

```
.border{ border-color:#BF2E53 }
```

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



Here you see how a box with a 4 pixel `#BF2E53` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF2E53; -webkit-box-shadow:4px 4px  
4px 4px #BF2E53; box-shadow:4px 4px 4px  
4px #BF2E53 }
```

# Background

The CSS property to change the background color of an element to Hex BF2E53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF2E53 }
```

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

```
.background{ background-color:#BF2E53 }
```

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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