

Converting Colors

Hex(FF204A)

Have a look what the booklet for
Hex(FF204A) contains.

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Color

Hex(F204A)

Conversions

Conversions Part 1

Format	Color
Hex	FF204A
RGB	255, 32, 74
RGB Percent	100%, 13%, 29%
CMY	0.0000, 0.8745, 0.7098
CMYK	0.00, 0.87, 0.71, 0.00
HSL	349°, 100%, 56%
HSV	349°, 87%, 100%
XYZ	42.9925, 22.7874, 8.6110
YIQ	103.4650, 119.4260, 60.3380

Conversions

Conversions Part 2

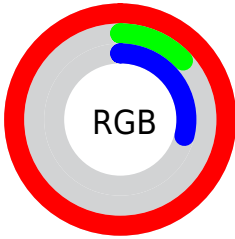
Format	Color
RYB	255, 32, 74
Decimal	16719946
CIELab	54.85, 78.42, 36.31
CIELCh	55, 86.415, 24.848
Yxy	22.7874, 0.5779, 0.3063
Android (android.graphics.Color)	4294910026 (0xFFFF204A)
YUV	103.4650, -14.5262, 132.8962
Hunter-Lab	47.7362, 77.2238, 22.7201

Details

The Hex color **FF204A** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **20FFD5**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF6B7B**, and **BD001F** is the 20% darker color. If you saturate the color by 10%, you get **FF0735**, and if you desaturate by 10%, it is **FF395F**.

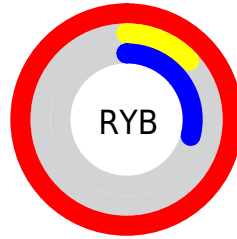
Distribution



Red (100%)

Green (13%)

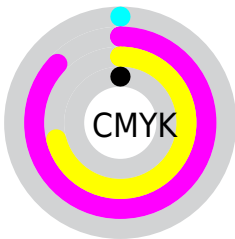
Blue (29%)



Red (100%)

Yellow (13%)

Blue (29%)

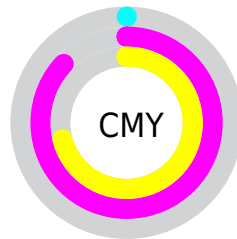


Cyan (0%)

Magenta (87%)

Yellow (71%)

Black (0%)



Cyan (0%)

Magenta (87%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF204A 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 FF204A by changing the saturation by 10% instead.

 FF204A

 FF204A

FFFFFF

 DE0034

 FF6B7B

 BD001F

 FF8994

 9D000A

 FFA8AF

 7D0001

 FFC6CA

 5D0003

 FFE4E7

 3E0003

 1A0001

 000000

 FF204A

 FF204A

■ FF0735

■ FF395F

■ FF0030

■ FF5373

■ FF6C88

■ FF869D

■ FFA0B1

■ FFB9C6

■ FFD3DB

■ FFECF0

FFFFFF

Harmonies

Analogous

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



FD0094



FF204A



E05800

Triad

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



FF204A



009C1F



0091FF

Complementary

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



FF204A



20FFD5

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.



009FFE



FF204A



00A174

Square

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



FF204A



639100



00A2C1



5275FF

Rectangle

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



FF204A



BE7200



00A2C1



0097FF

Sweetspot

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



FF204A



FFBDC9



D220FF



80585F



000000



808080

Same Dimension

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



FF204A



FF0030



FF6320



807375



BF0024



40000C

Inverse Universe

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



FF204A



FF0030



20BCFF



807375



BF0024



40000C

Previews

White Background



This preview shows how the Hex color FF204A looks on a white background.

Color Contrast Check

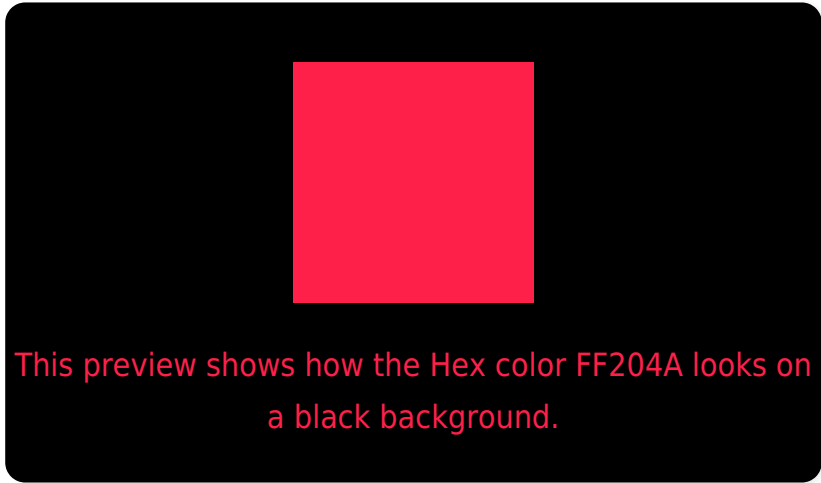
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF204A Background



This preview shows how black text looks on a background with the Hex color FF204A.



This preview shows how white text looks on a background with the Hex color FF204A.

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
FF204A



Protanomaly
B65F5F



Deuteranomaly
C45B42

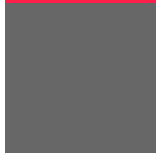


Tritanomaly
FE2634

Monochromacy



Original Color
FF204A



Achromatopsia
676767



Achromatomaly
9E4D5C

CSS Examples

Text

The CSS property to change the color of the text to Hex FF204A 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 #FF204A looks like.

```
.text, #text, p{  
    color:#FF204A  
}
```

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 #FF204A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF204A
}
```

Border

The CSS property to change the border of an element to Hex FF204A 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".

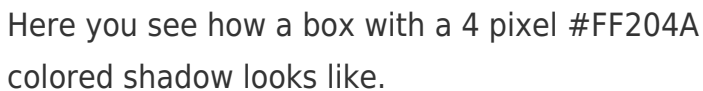
```
.border, #border, table{ border:4px solid
#FF204A }
```

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

```
.border{ border-color:#FF204A }
```

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

Here you see how a box with a 4 pixel #FF204A colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a 4-pixel red shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF204A; -webkit-box-shadow:4px 4px  
4px 4px #FF204A; box-shadow:4px 4px 4px  
4px #FF204A }
```

Background

The CSS property to change the background color of an element to Hex FF204A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF204A }
```

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

```
.background{ background-color:#FF204A }
```

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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