

# Converting Colors

Hex(C20C53)

Have a look what the booklet for  
Hex(C20C53) contains.

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# Color

**Hex(C20C53)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C20C53
RGB	194, 12, 83
RGB Percent	76%, 5%, 33%
CMY	0.2392, 0.9529, 0.6745
CMYK	0.00, 0.94, 0.57, 0.24
HSL	337°, 88%, 40%
HSV	337°, 94%, 76%
XYZ	23.9409, 12.3568, 9.3069
YIQ	74.5120, 85.6810, 60.6650

# Conversions

## Conversions Part 2

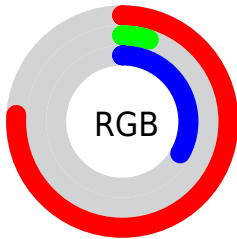
Format	Color
<a href="#">RYB</a>	<a href="#">194, 12, 83</a>
Decimal	<a href="#">12717139</a>
CIELab	<a href="#">41.78, 66.73, 11.52</a>
CIElCh	<a href="#">42, 67.715, 9.792</a>
Yxy	<a href="#">12.3568, 0.5250, 0.2710</a>
Android (android.graphics.Color)	<a href="#">4290907219</a> ( <a href="#">0xFFC20C53</a> )
YUV	<a href="#">74.5120, 4.1846, 104.7910</a>
Hunter-Lab	<a href="#">35.1523, 60.0535, 8.9090</a>

# Details

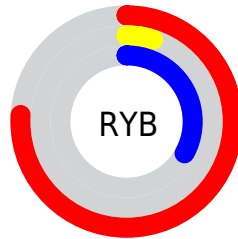
The Hex color **C20C53** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **0CC27B**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **FF5884**, and **850027** is the 20% darker color. If you saturate the color by 10%, you get **C2004C**, and if you desaturate by 10%, it is **C21F5F**.

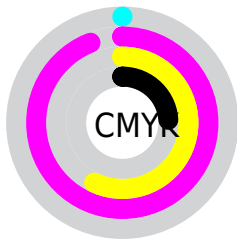
# Distribution



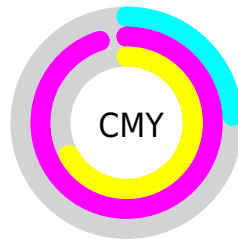
- Red (76%)
- Green (5%)
- Blue (33%)



- Red (76%)
- Yellow (5%)
- Blue (33%)



- Cyan (0%)
- Magenta (94%)
- Yellow (57%)
- Black (24%)



- Cyan (24%)
- Magenta (95%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C20C53 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 C20C53 by changing the saturation by 10% instead.



 C20C53

 C20C53

FFFFFF

 A3003C

 FF5884

 850027

 FF759E

 670013

 FF92B9

 4B0003

 FFAFD4

 2C0001

 FFCCF1

 000000

 FFEAFF

 C20C53

 C20C53

 C2004C

 C21F5F

 C2336B

 C24676

 C25A82

 C26D8E

 C2809A

 C294A6

 C2A7B2

 C2BBBD

# Harmonies

## Analogous

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



B0248A



C20C53



B6321D

# Triad

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



C20C53



237200



0073CC

# Complementary

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



C20C53



0CC27B

# 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.



0079A9



C20C53



007839

# Square

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



C20C53



686600



007A74



0064D2

# Rectangle

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



C20C53



A34800



007A74



0076C3



# Sweetspot

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



C20C53



FCB6D1



790CC2



805465



000000



808080



# Same Dimension

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



C20C53



FC0062



C21E0C



61575B



A1003F



21000D



# Inverse Universe

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



C20C53



FC0062



0CB0C2



61575B



A1003F



21000D



# Previews

## White Background



This preview shows how the Hex color C20C53 looks on a white background.

### Color Contrast Check

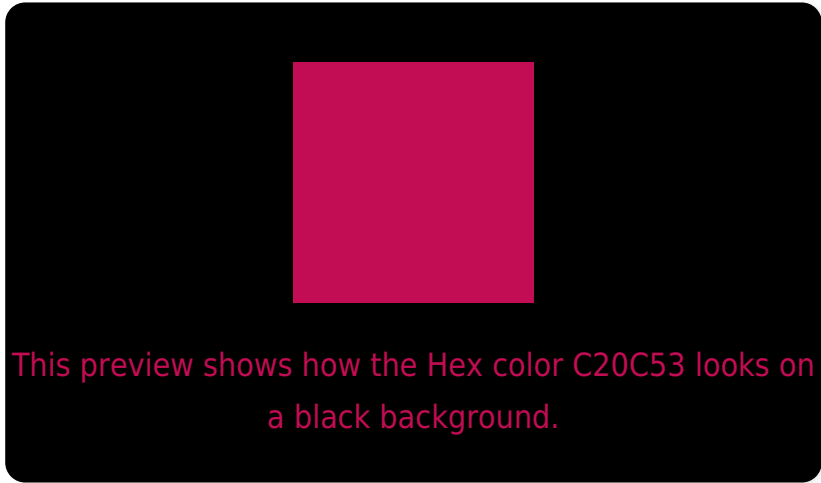
Large Text (above 18pt) WCAG AA ✓ Pass

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 C20C53 Background



This preview shows how black text looks on a background with the Hex color C20C53.



This preview shows how white text looks on a background with the Hex color C20C53.

# 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**  
C20C53



**Protanomaly**  
84436B



**Deuteranomaly**  
92414E

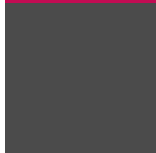


**Tritanomaly**  
C11A34

# Monochromacy



**Original Color**  
C20C53



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
76344E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C20C53 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 #C20C53 looks like.

```
.text, #text, p{  
    color:#C20C53  
}
```

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 #C20C53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C20C53
}
```

## Border

The CSS property to change the border of an element to Hex C20C53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

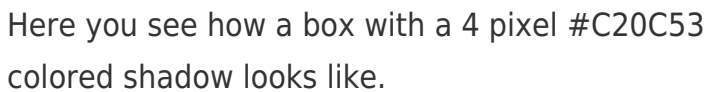
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C20C53 }
```

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

```
.border{ border-color:#C20C53 }
```

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



Here you see how a box with a 4 pixel `#C20C53` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C20C53; -webkit-box-shadow:4px 4px  
4px 4px #C20C53; box-shadow:4px 4px 4px  
4px #C20C53 }
```

# Background

The CSS property to change the background color of an element to Hex C20C53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C20C53 }
```

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

```
.background{ background-color:#C20C53 }
```

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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