

Converting Colors

Hex(C22253)

Have a look what the booklet for
Hex(C22253) contains.

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Color

Hex(C22253)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C22253 |
| RGB | 194, 34, 83 |
| RGB Percent | 76%, 13%, 33% |
| CMY | 0.2392, 0.8667, 0.6745 |
| CMYK | 0.00, 0.82, 0.57, 0.24 |
| HSL | 342°, 70%, 45% |
| HSV | 342°, 82%, 76% |
| XYZ | 24.3815, 13.2379, 9.4537 |
| YIQ | 87.4260, 79.6310, 49.1590 |

Conversions

Conversions Part 2

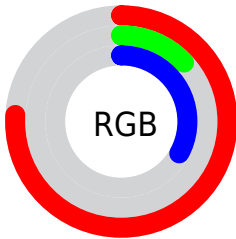
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 194, 34, 83 |
| Decimal | 12722771 |
| CIE Lab | 43.12, 62.87, 13.37 |
| CIE LCh | 43, 64.275, 12.005 |
| Yxy | 13.2379, 0.5179, 0.2812 |
| Android (android.graphics.Color) | 4290912851 (0xFFC22253) |
| YUV | 87.4260, -2.1820, 93.4654 |
| Hunter-Lab | 36.3840, 55.9439, 10.0633 |

Details

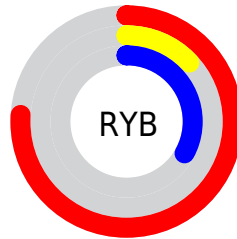
The Hex color **C22253** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **22C291**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF6184**, and **850027** is the 20% darker color. If you saturate the color by 10%, you get **C20F46**, and if you desaturate by 10%, it is **C23560**.

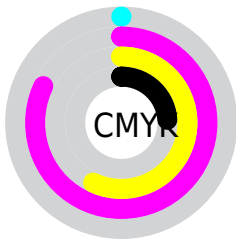
Distribution



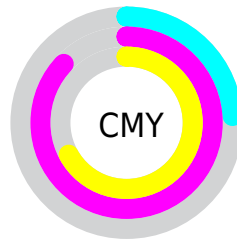
- Red (76%)
- Green (13%)
- Blue (33%)



- Red (76%)
- Yellow (13%)
- Blue (33%)



- Cyan (0%)
- Magenta (82%)
- Yellow (57%)
- Black (24%)



- Cyan (24%)
- Magenta (87%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color C22253 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 C22253 by changing the saturation by 10% instead.

 C22253

 C22253

FFFFFF

 A4003C

 FF6184

 850027

 FF7E9E

 680013

 FF9AB9

 4B0002

 FFB7D5

 2D0001

 FFD4F1

 000000

 FFF2FF

 C22253

 C22253

 C20F46

 C23560

 C2003B

 C2496E

 C25C7B

 C27089

 C28396

 C296A4

 C2AAB1

 C2BDBF

 C2D1CC

Harmonies

Analogous

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



B32D88



C22253



B63C20

Triad

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



C22253



277500



0075CC

Complementary

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



C22253



22C291

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



C22253



007B43

Square

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



C22253



686A00



007D7B



0065CF

Rectangle

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



C22253



A24F00



007D7B



0078C4

Sweetspot

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



C22253



FCBDD1



8F22C2



805965



000000



808080

Same Dimension

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



C22253



FC034F



C23F22



61575A



A10031



21000A

Inverse Universe

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



C22253



FC034F



22A5C2



61575A



A10031



21000A

Previews

White Background



This preview shows how the Hex color C22253 looks on a white background.

Color Contrast Check

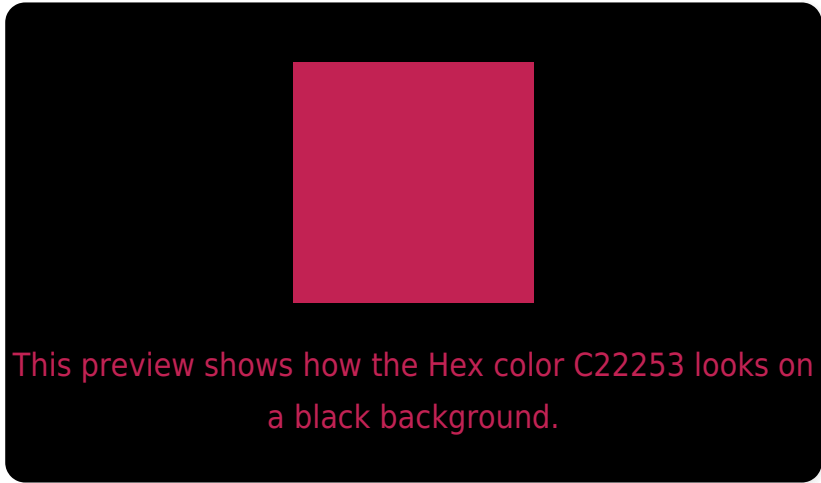
Large Text (above 18pt) WCAG AA ✓ Pass

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 C22253 Background



This preview shows how black text looks on a background with the Hex color C22253.



This preview shows how white text looks on a background with the Hex color C22253.

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
C22253

Protanopia
656673

Deuteranopia
7A634B

Trichromacy



Original Color
C22253

Protanomaly
874D67

Deuteranomaly
944B4E

Tritanomaly
C1283B

Monochromacy



Original Color
C22253

Achromatopsia
575757

Achromatomaly
7E4456

CSS Examples

Text

The CSS property to change the color of the text to Hex C22253 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 #C22253 looks like.

```
.text, #text, p{  
    color:#C22253  
}
```

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 #C22253 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C22253
}
```

Border

The CSS property to change the border of an element to Hex C22253 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
#C22253 }
```

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

```
.border{ border-color:#C22253 }
```

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

Here you see how a box with a 4 pixel #C22253 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C22253; -webkit-box-shadow:4px 4px  
4px 4px #C22253; box-shadow:4px 4px 4px  
4px #C22253 }
```

Background

The CSS property to change the background color of an element to Hex C22253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C22253 }
```

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

```
.background{ background-color:#C22253 }
```

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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