

Converting Colors

Decimal(11141248)

Have a look what the booklet for
Decimal(11141248) contains.

Decimal(11141248)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(11141248)

Conversions

Conversions Part 1

Format	Color
Hex	AA0080
RGB	170, 0, 128
RGB Percent	67%, 0%, 50%
CMY	0.3333, 1.0000, 0.4980
CMYK	0.00, 1.00, 0.25, 0.33
HSL	315°, 100%, 33%
HSV	315°, 100%, 67%
XYZ	20.4738, 10.1046, 21.2934
YIQ	65.4220, 60.2320, 75.8480

Conversions

Conversions Part 2

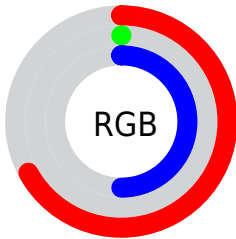
Format	Color
R_{YB}	170, 0, 128
Decimal	11141248
CIE _{Lab}	38.03, 66.84, -22.93
CIE _{LCh}	38, 70.665, 341.061
Yxy	10.1046, 0.3947, 0.1948
Android (android.graphics.Color)	4289331328 (0xFFAA0080)
YUV	65.4220, 30.8510, 91.7149
Hunter-Lab	31.7877, 59.3401, -17.4648

Details

The Decimal color **11141248** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **43562**, and the grayscale version is **4276545**.

A 20% lighter version of the original color is **15028917**, and **7405646** is the 20% darker color. If you saturate the color by 10%, you get **11141248**, and if you desaturate by 10%, it is **11145604**.

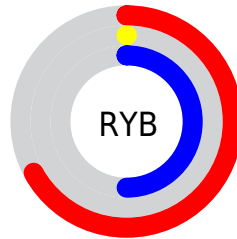
Distribution



Red (67%)

Green (0%)

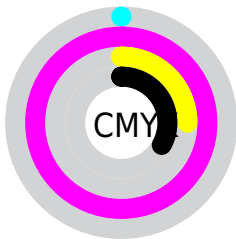
Blue (50%)



Red (67%)

Yellow (0%)

Blue (50%)

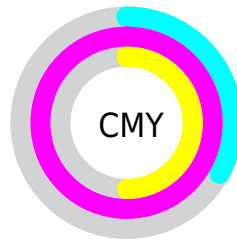


Cyan (0%)

Magenta (100%)

Yellow (25%)

Black (33%)



Cyan (33%)


Magenta (100%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11141248 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 Decimal color 11141248 by changing the saturation by 10% instead.

 11141248

 11141248

16777215

 9240679

 15028917

 7405646

 16740305

 5570615

 16747501

 3866658


 16754943


 1769478

 16762367

 0

 16770047

 11141248

 11145604

■ 11149960

■ 11154317

■ 11158673

■ 11163029

■ 11167385

■ 11171741

■ 11176098

■ 11180454

Harmonies

Analogous

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



7486897



11141248



12189767

Triad

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



11141248



5987840



28836

Complementary

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



11141248



43562

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.



29038



11141248



26880

Square

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



11141248



9128192



28465



27335

Rectangle

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



11141248



11800098



28465



29076

Sweetspot

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



11141248



14588877



2621610



7358566



15790320



7368816

Same Dimension

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



11141248



14549159



11141165



5524562



9699439



1310735

Inverse Universe

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



11141248



14549159



43645



5524562



9699439



1310735

Previews

White Background



This preview shows how the Decimal color 11141248 looks on a white background.

Color Contrast Check

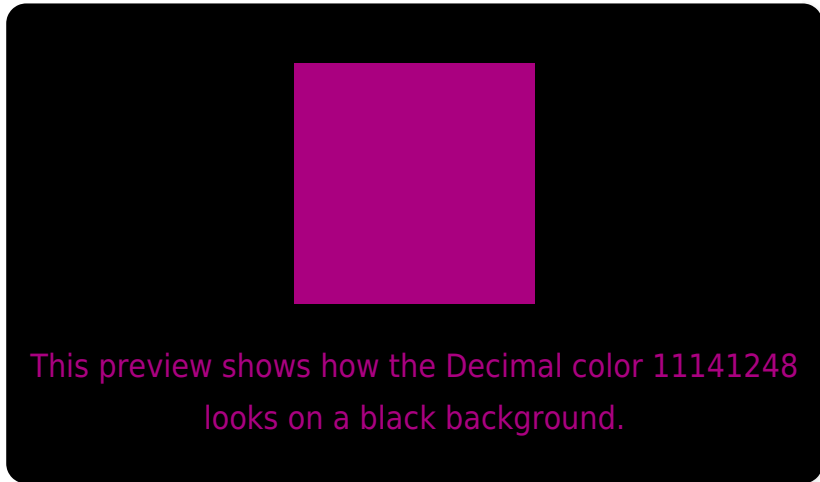
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

Decimal 11141248 Background



This preview shows how black text looks on a background with the Decimal color 11141248.



This preview shows how white text looks on a background with the Decimal color 11141248.

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

11141248



Protanomaly

5454242



Deuteranomaly

7682683



Tritanomaly

10887248

Monochromacy



Original Color

11141248



Achromatopsia

4276545



Achromatomaly

6760792

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11141248 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 #AA0080 looks like.

```
.text, #text, p{  
    color:#AA0080  
}
```

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 #AA0080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA0080
}
```

Border

The CSS property to change the border of an element to Decimal 11141248 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
#AA0080 }
```

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

```
.border{ border-color:#AA0080 }
```

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

Here you see how a box with a 4 pixel #AA0080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA0080; -webkit-box-shadow:4px 4px  
4px 4px #AA0080; box-shadow:4px 4px 4px  
4px #AA0080 }
```

Background

The CSS property to change the background color of an element to Decimal 11141248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA0080 }
```

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

```
.background{ background-color:#AA0080 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor