

Converting Colors

Decimal(10836604)

Have a look what the booklet for
Decimal(10836604) contains.

Decimal(10836604)	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(10836604)

Conversions

Conversions Part 1

Format	Color
Hex	A55A7C
RGB	165, 90, 124
RGB Percent	65%, 35%, 49%
CMY	0.3529, 0.6471, 0.5137
CMYK	0.00, 0.45, 0.25, 0.35
HSL	333°, 29%, 50%
HSV	333°, 45%, 65%
XYZ	22.8113, 16.7669, 21.1028
YIQ	116.3010, 33.7860, 26.4740

Conversions

Conversions Part 2

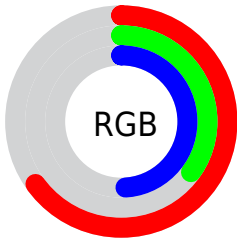
Format	Color
R_{YB}	165, 90, 124
Decimal	10836604
CIE _{Lab}	47.96, 35.01, -5.46
CIE _{LCh}	48, 35.435, 351.141
Yxy	16.7669, 0.3759, 0.2763
Android (android.graphics.Color)	4289026684 (0xFFA55A7C)
YUV	116.3010, 3.7956, 42.7090
Hunter-Lab	40.9474, 27.7822, -1.8928

Details

The Decimal color **10836604** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5940611**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **14585520**, and **7285067** is the 20% darker color. If you saturate the color by 10%, you get **10832499**, and if you desaturate by 10%, it is **10840709**.

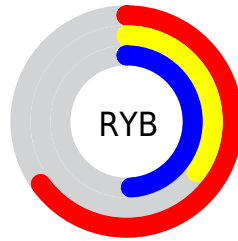
Distribution



Red (65%)

Green (35%)

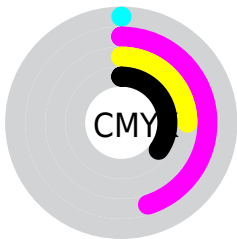
Blue (49%)



Red (65%)

Yellow (35%)

Blue (49%)

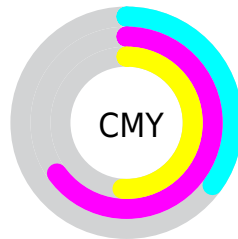


Cyan (0%)

Magenta (45%)

Yellow (25%)

Black (35%)



Cyan (35%)













Magenta (65%)







Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10836604 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 10836604 by changing the saturation by 10% instead.

 10836604	 10836604
16777215	 9060707
 14585520	 7285067
 16493004	 5574453
 16762344	 3932191
 16769535	 2555910
16776959	 0

 10836604	 10836604
 10832499	 10840709
 10828138	 10845070

 10824033

 10849175

 10819672

 10853536

 10815311

 10857641

 10813515

 10862002

 10866363

 10870468

 10874573

Harmonies

Analogous

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



9331352



10836604



11229790

Triad

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



10836604



7305016



32416

Complementary

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



10836604



5940611

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.



33158



10836604



5012811

Square

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



10836604



9202998



1409384



2586797

Rectangle

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



10836604



10903372



1409384



32920

Sweetspot

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



10836604



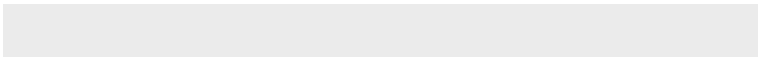
14072006



8542885



7035233



15461355



7039851

Same Dimension

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



10836604



14049430



10837082



5392717



9502786



1179656

Inverse Universe

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



10836604



14049430



5940133



5392717



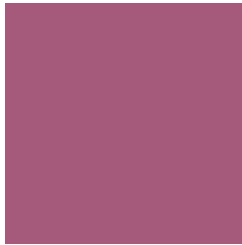
9502786



1179656

Previews

White Background



This preview shows how the Decimal color 10836604 looks on a white background.

Color Contrast Check

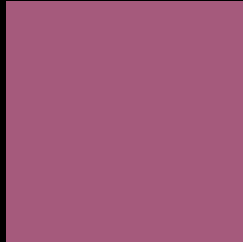
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 10836604 looks on a 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 10836604 Background



This preview shows how black text looks on a background with the Decimal color 10836604.



This preview shows how white text looks on a background with the Decimal color 10836604.

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
10836604

Protanomaly
8481158

Deuteranomaly
9070457

Tritanomaly
10771821

Monochromacy



Original Color
10836604

Achromatopsia
7631988

Achromatomaly
8809335

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10836604 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 #A55A7C looks like.

```
.text, #text, p{  
  color:#A55A7C  
}
```

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 #A55A7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A55A7C
}
```

Border

The CSS property to change the border of an element to Decimal 10836604 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
#A55A7C }
```

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

```
.border{ border-color:#A55A7C }
```

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

Here you see how a box with a 4 pixel #A55A7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A55A7C; -webkit-box-shadow:4px 4px  
4px 4px #A55A7C; box-shadow:4px 4px 4px  
4px #A55A7C }
```

Background

The CSS property to change the background color of an element to Decimal 10836604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A55A7C }
```

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

```
.background{ background-color:#A55A7C }
```

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