

Converting Colors

Hex(1087A4)

Have a look what the booklet for
Hex(1087A4) contains.

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Color

Hex(1087A4)

Conversions

Conversions Part 1

Format	Color
Hex	1087A4
RGB	16, 135, 164
RGB Percent	6%, 53%, 64%
CMY	0.9373, 0.4706, 0.3569
CMYK	0.90, 0.18, 0.00, 0.36
HSL	192°, 82%, 35%
HSV	192°, 90%, 64%
XYZ	15.5785, 20.1184, 38.1841
YIQ	102.7250, -80.2330, -16.2090

Conversions

Conversions Part 2

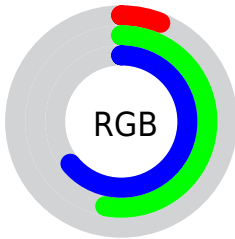
Format	Color
RYB	16, 82, 164
Decimal	1083300
CIELab	51.97, -19.35, -23.85
CIELCh	52, 30.708, 230.949
Yxy	20.1184, 0.2109, 0.2723
Android (android.graphics.Color)	4279273380 (0xFF1087A4)
YUV	102.7250, 30.2086, -76.0578
Hunter-Lab	44.8536, -16.4973, -19.0764

Details

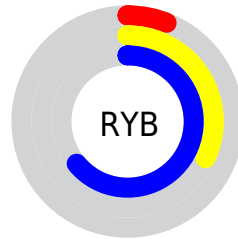
The Hex color **1087A4** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A42D10**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5DBCDB**, and **005570** is the 20% darker color. If you saturate the color by 10%, you get **0084A4**, and if you desaturate by 10%, it is **208AA4**.

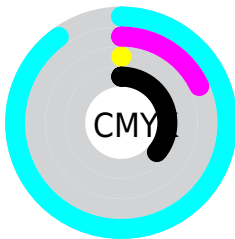
Distribution



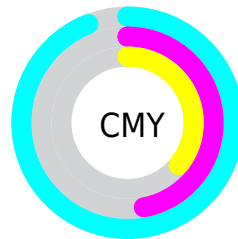
- Red (6%)
- Green (53%)
- Blue (64%)



- Red (6%)
- Yellow (32%)
- Blue (64%)



- Cyan (90%)
- Magenta (18%)
- Yellow (0%)
- Black (36%)



- Cyan (94%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1087A4 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 1087A4 by changing the saturation by 10% instead.

 1087A4

 1087A4

FFFFFF

 006E8A

 5DBCDB

 005570

 7CD8F8

 003E58

 99F5FF

 002840

 B6FFFF

 00102A

 D4FFFF

 000115

 F2FFFF

 000000

 1087A4

 1087A4

 0084A4

 208AA4

■ 318DA4

■ 4191A4

■ 5294A4

■ 6297A4

■ 729AA4

■ 839DA4

■ 93A1A4

■ A4A4A4

Harmonies

Analogous

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



098A8E



1087A4



4781AF

Triad

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



1087A4



AA6885



7A804A

Complementary

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



1087A4



A42D10

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.



947848



1087A4



AF686A

Square

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



1087A4



956F9D



A76F54



5C865A

Rectangle

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



1087A4



657BAF



A76F54



847D47

Sweetspot

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



1087A4



9CCBD6



10A42B



49646B



EBEBEB



6B6B6B

Same Dimension

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



1087A4



00ACD6



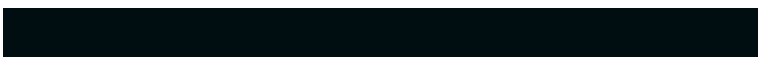
103FA4



495052



007591



000E12

Inverse Universe

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



A41087



D600AC



A47510



524950



910075



12000E

Previews

White Background



This preview shows how the Hex color 1087A4 looks on a white background.

Color Contrast Check

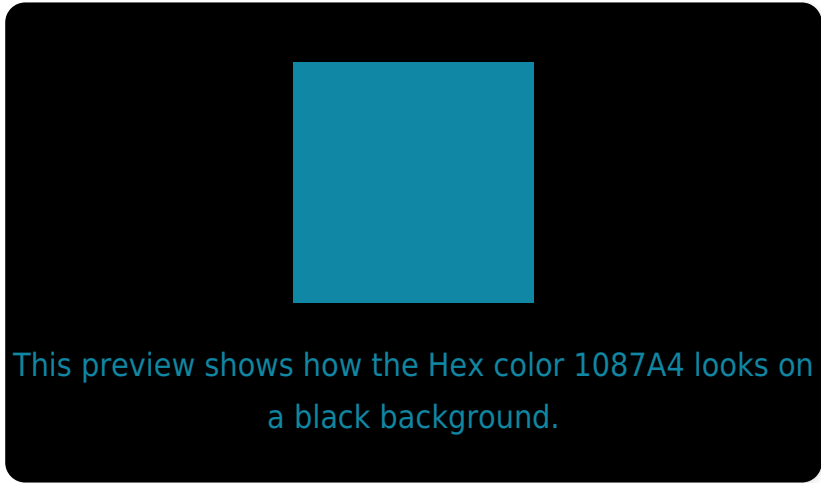
Large Text (above 18pt) WCAG AA ✓ Pass

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

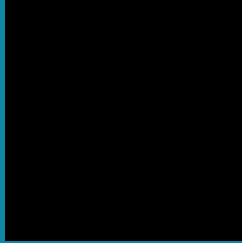
Any Text WCAG AA ✓ Pass

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 1087A4 Background



This preview shows how black text looks on a background with the Hex color 1087A4.

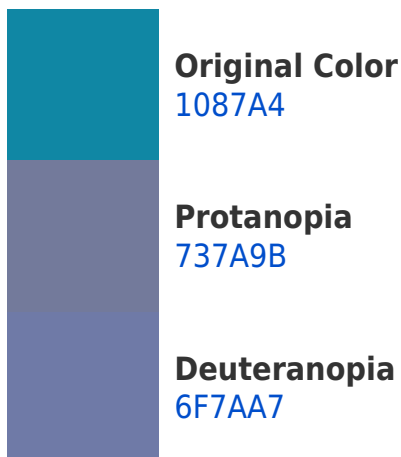


This preview shows how white text looks on a background with the Hex color 1087A4.

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





Tritanopia
008994

Trichromacy



Original Color
1087A4



Protanomaly
4F7F9E



Deuteranomaly
4C7FA6



Tritanomaly
06889A

Monochromacy



Original Color
1087A4



Achromatopsia
676767



Achromatomaly
47737D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1087A4 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 #1087A4 looks like.

```
.text, #text, p{  
    color:#1087A4  
}
```

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 #1087A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1087A4
}
```

Border

The CSS property to change the border of an element to Hex 1087A4 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
#1087A4 }
```

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

```
.border{ border-color:#1087A4 }
```

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

Here you see how a box with a 4 pixel #1087A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1087A4; -webkit-box-shadow:4px 4px  
4px 4px #1087A4; box-shadow:4px 4px 4px  
4px #1087A4 }
```

Background

The CSS property to change the background color of an element to Hex 1087A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1087A4 }
```

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

```
.background{ background-color:#1087A4 }
```

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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