

Converting Colors

Decimal(93083)

Have a look what the booklet for
Decimal(93083) contains.

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Color

Decimal(93083)

Conversions

Conversions Part 1

Format	Color
Hex	016B9B
RGB	1, 107, 155
RGB Percent	0%, 42%, 61%
CMY	0.9961, 0.5804, 0.3922
CMYK	0.99, 0.31, 0.00, 0.39
HSL	199°, 99%, 31%
HSV	199°, 99%, 61%
XYZ	11.1866, 12.8884, 32.9085
YIQ	80.7780, -78.5840, -7.5440

Conversions

Conversions Part 2

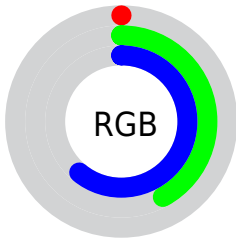
Format	Color
RYB	1, 64, 155
Decimal	93083
CIELab	42.59, -7.53, -33.19
CIELCh	43, 34.037, 257.218
Yxy	12.8884, 0.1963, 0.2262
Android (android.graphics.Color)	4278283163 (0xFF016B9B)
YUV	80.7780, 36.5914, -69.9653
Hunter-Lab	35.9004, -7.2050, -29.2184

Details

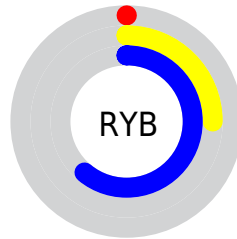
The Decimal color **93083** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **10170625**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **5611218**, and **15463** is the 20% darker color. If you saturate the color by 10%, you get **27547**, and if you desaturate by 10%, it is **1077403**.

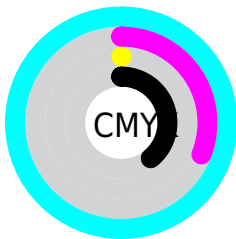
Distribution



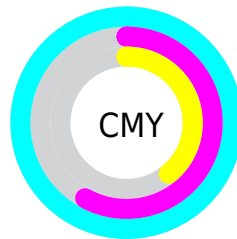
- Red (0%)
- Green (42%)
- Blue (61%)



- Red (0%)
- Yellow (25%)
- Blue (61%)



- Cyan (99%)
- Magenta (31%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (58%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 93083 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 93083 by changing the saturation by 10% instead.



93083



93083

16777215



21377



5611218



15463



7584238



10063



9491967



4664



11399679



546



13369343



8



15269887



0



93083



93083



27547



1077403

■ 2127259

■ 3111323

■ 4161179

■ 5145499

■ 6195355

■ 7245211

■ 8229531

■ 9213595

Harmonies

Analogous

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



29069



93083



5464730

Triad

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



93083



10112597



4550461

Complementary

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



93083



10170625

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.



6645805



93083



9590076

Square

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



93083



9653874



8412973



1274455

Rectangle

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



93083



7363473



8412973



5336374

Sweetspot

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



93083



9287625



105263



4283238



15132390



6710886

Same Dimension

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



93083



35785



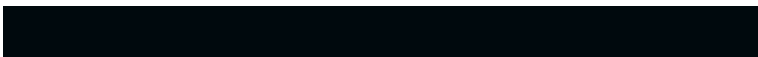
73883



4541005



24972



2317

Inverse Universe

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



10158443



13172875



10189825



5064010



9175137



851977

Previews

White Background



This preview shows how the Decimal color 93083 looks on a white background.

Color Contrast Check

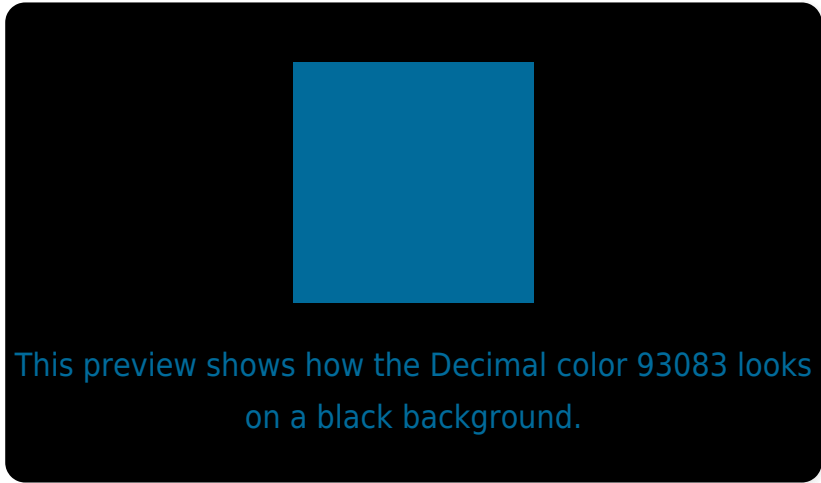
Large Text (above 18pt) WCAG AA ✓ Pass

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

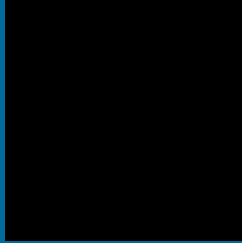
Any Text WCAG AA × Fail

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 93083 Background



This preview shows how black text looks on a background with the Decimal color 93083.



This preview shows how white text looks on a background with the Decimal color 93083.

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
93083

Protanomaly
3565207

Deuteranomaly
3041180

Monochromacy



Original Color
93083

Achromatopsia
5329233

Achromatomaly
3431020

CSS Examples

Text

The CSS property to change the color of the text to Decimal 93083 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 #016B9B looks like.

```
.text, #text, p{  
    color:#016B9B  
}
```

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 #016B9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #016B9B
}
```

Border

The CSS property to change the border of an element to Decimal 93083 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
#016B9B }
```

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

```
.border{ border-color:#016B9B }
```

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

Here you see how a box with a 4 pixel #016B9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #016B9B; -webkit-box-shadow:4px 4px  
4px 4px #016B9B; box-shadow:4px 4px 4px  
4px #016B9B }
```

Background

The CSS property to change the background color of an element to Decimal 93083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#016B9B }
```

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

```
.background{ background-color:#016B9B }
```

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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