

Converting Colors

Decimal(95640)

Have a look what the booklet for
Decimal(95640) contains.

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Color

Decimal(95640)

Conversions

Conversions Part 1

Format	Color
Hex	017598
RGB	1, 117, 152
RGB Percent	0%, 46%, 60%
CMY	0.9961, 0.5412, 0.4039
CMYK	0.99, 0.23, 0.00, 0.40
HSL	194°, 99%, 30%
HSV	194°, 99%, 60%
XYZ	12.0413, 14.9960, 31.9656
YIQ	86.3060, -80.3710, -13.7070

Conversions

Conversions Part 2

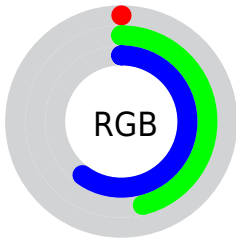
Format	Color
R_{YB}	1, 67, 152
Decimal	95640
CIE _{Lab}	45.63, -14.52, -26.67
CIE _{LCh}	46, 30.365, 241.431
Yxy	14.9960, 0.2041, 0.2542
Android (android.graphics.Color)	4278285720 (0xFF017598)
YUV	86.3060, 32.3871, -74.8134
Hunter-Lab	38.7247, -12.2643, -21.8341

Details

The Decimal color **95640** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9970689**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **5614030**, and **17765** is the 20% darker color. If you saturate the color by 10%, you get **30104**, and if you desaturate by 10%, it is **1079704**.

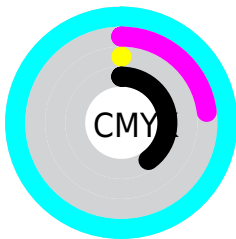
Distribution



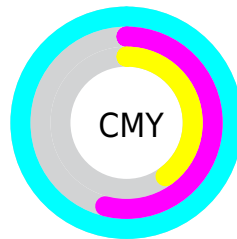
- Red (0%)
- Green (46%)
- Blue (60%)



- Red (0%)
- Yellow (26%)
- Blue (60%)



- Cyan (99%)
- Magenta (23%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (54%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 95640 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 95640 by changing the saturation by 10% instead.

■ 95640 ■ 95640

16777215 ■ 23678

■ 5614030 ■ 17765

■ 7587051 ■ 11853

■ 9494783 ■ 6966

■ 11402751 ■ 544

■ 13369343 ■ 5

■ 15269887 ■ 0

■ 95640 ■ 95640

■ 30104 ■ 1079704

■ 2063512

■ 3113112

■ 4096920

■ 5080984

■ 6064792

■ 7048856

■ 8098200

■ 9082264

Harmonies

Analogous

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



31110



95640



4681374

Triad

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



95640



10180716



6386240

Complementary

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



95640



9970689

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.



8088376



95640



10181203

Square

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



95640



9264261



9462336



4290387

Rectangle

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



95640



6580379



9462336



6975548

Sweetspot

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



95640



9025476



104482



4217699



14935011



6513507

Same Dimension

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



95640



38852



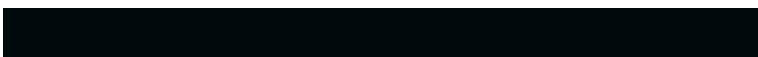
76952



4541261



27788



2573

Inverse Universe

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



9961845



12845207



9989377



5064011



9175148



851978

Previews

White Background



This preview shows how the Decimal color 95640 looks on a white background.

Color Contrast Check

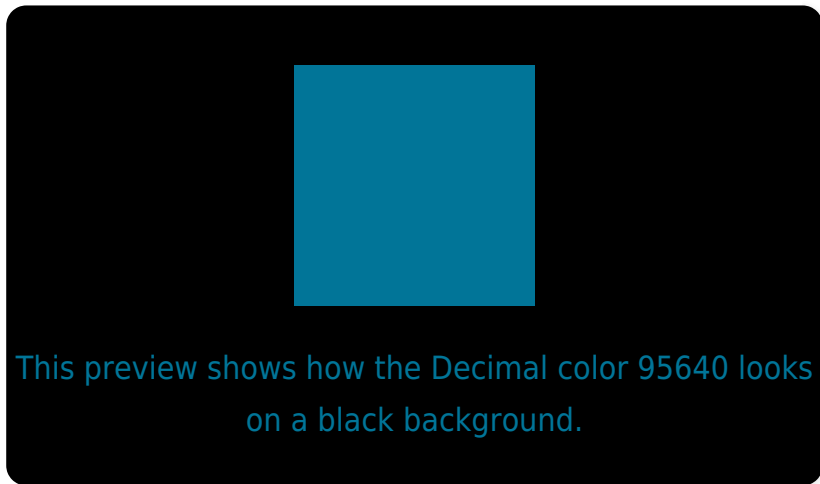
Large Text (above 18pt) WCAG AA ✓ Pass

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

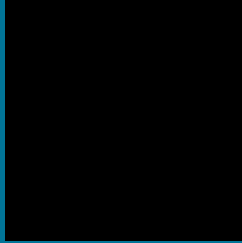
Any Text WCAG AA × Fail

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 95640 Background



This preview shows how black text looks on a background with the Decimal color 95640.



This preview shows how white text looks on a background with the Decimal color 95640.

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](#).

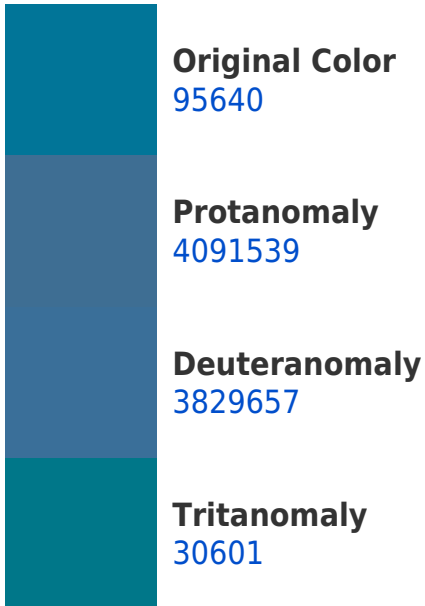
Dichromacy



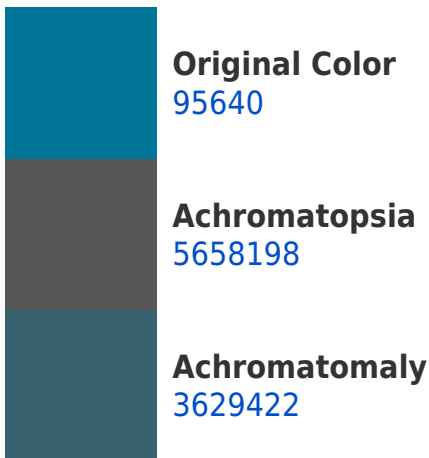


Tritanopia
30849

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 95640 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 #017598 looks like.

```
.text, #text, p{  
    color:#017598  
}
```

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 #017598 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #017598
}
```

Border

The CSS property to change the border of an element to Decimal 95640 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
#017598 }
```

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

```
.border{ border-color:#017598 }
```

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

Here you see how a box with a 4 pixel #017598 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #017598; -webkit-box-shadow:4px 4px  
4px 4px #017598; box-shadow:4px 4px 4px  
4px #017598 }
```

Background

The CSS property to change the background color of an element to Decimal 95640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#017598 }
```

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

```
.background{ background-color:#017598 }
```

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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