

Converting Colors

Decimal(20598)

Have a look what the booklet for
Decimal(20598) contains.

Decimal(20598) 3

Conversions 4

Details 6

Harmonies 11

Previews 23

Color Blindness Simulation 26

CSS Examples 29

Color

Decimal(20598)

Conversions

Conversions Part 1	
Format	Color
Hex	005076
RGB	0, 80, 118
RGB Percent	0%, 31%, 46%
CMY	1.0000, 0.6863, 0.5373
CMYK	1.00, 0.32, 0.00, 0.54
HSL	199°, 100%, 23%
HSV	199°, 100%, 46%
XYZ	6.1387, 7.0453, 18.1759
YIQ	60.4120, -59.8780, -5.1420

Conversions

Conversions Part 2

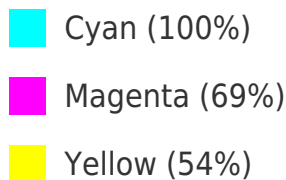
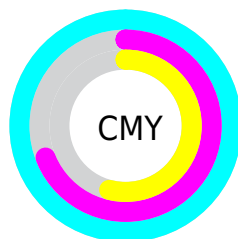
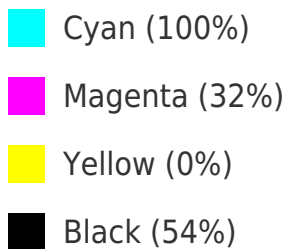
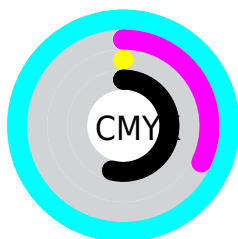
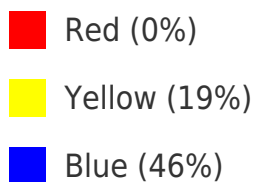
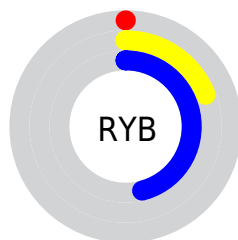
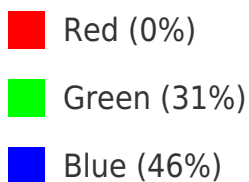
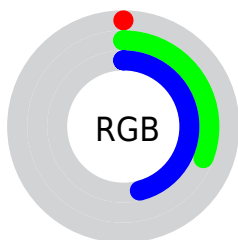
Format	Color
RYB	0, 48, 118
Decimal	20598
CIELab	31.91, -5.90, -27.52
CIELCh	32, 28.144, 257.899
Yxy	7.0453, 0.1957, 0.2247
Android (android.graphics.Color)	4278210678 (0xFF005076)
YUV	60.4120, 28.3909, -52.9813
Hunter-Lab	26.5430, -5.1682, -22.0199

Details

The Decimal color **20598** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7742976**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **4882858**, and **9285** is the 20% darker color. If you saturate the color by 10%, you get **20598**, and if you desaturate by 10%, it is **808054**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Decimal color 20598 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 20598 by changing the saturation by 10% instead.



20598



20598

16777215



14685



4882858



9285



6659014



3631



8500962



282



10342911



0



12185343



14090239



16056319



20598

■ 808054

■ 1595510

■ 2317174

■ 3104630

■ 3892086

■ 4679542

■ 5466998

■ 6188662

■ 6976118

Harmonies

Analogous

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



21611



20598



4082037

Triad

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



20598



7682367



3298092

Complementary

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



20598



7742976

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.



4935199



20598



7290667

Square

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



20598



7289429



6309663



546369

Rectangle

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



20598



5587822



6309663



3887655

Sweetspot

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



20598



7047833



30245



3228749



13421772



5066061

Same Dimension

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



20598



26777



5750



3488059



21370



43514

Inverse Universe

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



7733328



10027112



7757824



3880249



7995475



16384169

Previews

White Background



This preview shows how the Decimal color 20598 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 ✓ Pass

Black Background



This preview shows how the Decimal color 20598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

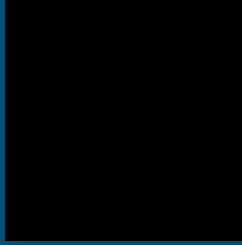
Any Text WCAG AA × Fail

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 20598 Background



This preview shows how black text looks on a background with the Decimal color 20598.



This preview shows how white text looks on a background with the Decimal color 20598.

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



Original Color
20598

Protanopia
4082289

Deuteranopia
3361655



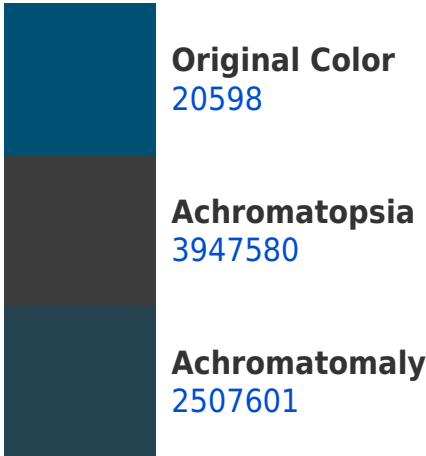
Tritanopia

21594

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 20598 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 #005076 looks like.

```
.text, #text, p{  
    color:#005076  
}
```

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 #005076 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005076
}
```

Border

The CSS property to change the border of an element to Decimal 20598 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
#005076 }
```

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

```
.border{ border-color:#005076 }
```

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

Here you see how a box with a 4 pixel #005076 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005076; -webkit-box-shadow:4px 4px  
4px 4px #005076; box-shadow:4px 4px 4px  
4px #005076 }
```

Background

The CSS property to change the background color of an element to Decimal 20598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005076 }
```

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

```
.background{ background-color:#005076 }
```

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