

Converting Colors

Decimal(25752)

Have a look what the booklet for
Decimal(25752) contains.

Decimal(25752)	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(25752)

Conversions

Conversions Part 1

Format	Color
Hex	006498
RGB	0, 100, 152
RGB Percent	0%, 39%, 60%
CMY	1.0000, 0.6078, 0.4039
CMYK	1.00, 0.34, 0.00, 0.40
HSL	201°, 100%, 30%
HSV	201°, 100%, 60%
XYZ	10.2247, 11.3813, 31.3637
YIQ	76.0280, -76.2920, -5.0280

Conversions

Conversions Part 2

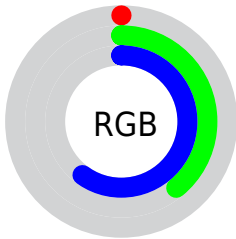
Format	Color
R _{YB}	0, 60, 152
Decimal	25752
CIE _{Lab}	40.22, -4.51, -35.16
CIE _{LCh}	40, 35.450, 262.690
Y _{xy}	11.3813, 0.1930, 0.2149
Android (android.graphics.Color)	4278215832 (0xFF006498)
YUV	76.0280, 37.4542, -66.6766
Hunter-Lab	33.7362, -4.9392, -31.5050

Details

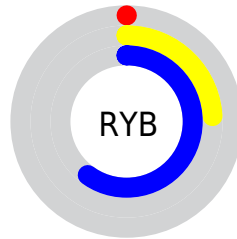
The Decimal color **25752** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9974784**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **5543887**, and **13925** is the 20% darker color. If you saturate the color by 10%, you get **25752**, and if you desaturate by 10%, it is **1010072**.

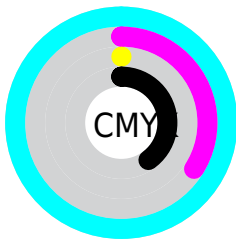
Distribution



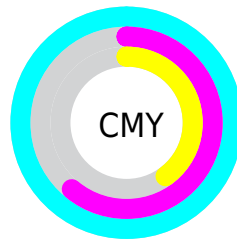
- Red (0%)
- Green (39%)
- Blue (60%)



- Red (0%)
- Yellow (24%)
- Blue (60%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (40%)



















- Cyan (100%)
- Magenta (61%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 25752 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 25752 by changing the saturation by 10% instead.

 25752	 25752
 16777215	 19582
 5543887	 13925
 7451115	 8524
 9358847	 1589
 11266559	 543
 13238271	 3
 15138815	 0

 25752

 1010072

■ 1994392

■ 3044504

■ 4028824

■ 5013144

■ 5997464

■ 6981784

■ 8031896

■ 9016216

Harmonies

Analogous

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



27276



25752



5593748

Triad

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



25752



9783114



3631674

Complementary

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



25752



9974784

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.



5923879



25752



9064497

Square

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



25752



9455207



7756579



27990

Rectangle

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



25752



7426698



7756579



4483122

Sweetspot

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



25752



9023684



38963



4216675



14935011



6513507

Same Dimension

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



25752



33220



6552



4541005



23692



2061

Inverse Universe

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



9961572



12845185



9993984



5064010



9175132



851976

Previews

White Background



This preview shows how the Decimal color 25752 looks on a white background.

Color Contrast Check

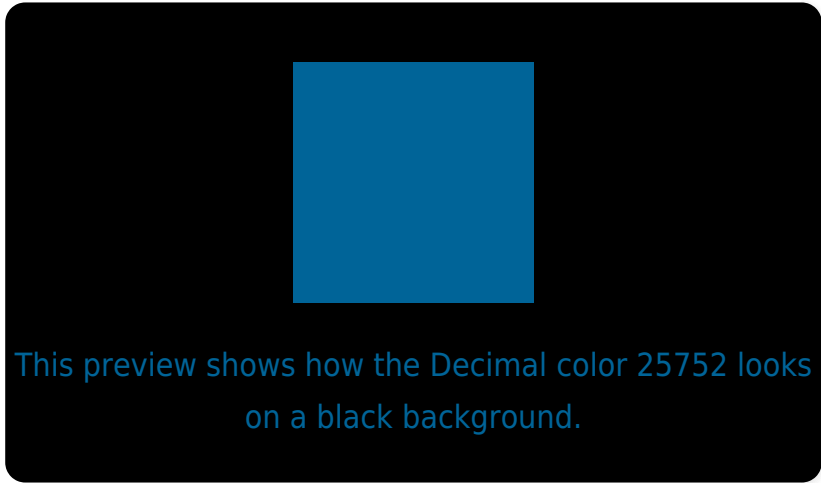
Large Text (above 18pt) WCAG AA ✓ Pass

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

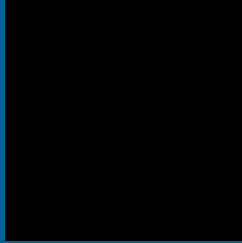
Any Text WCAG AA × Fail

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 25752 Background



This preview shows how black text looks on a background with the Decimal color 25752.

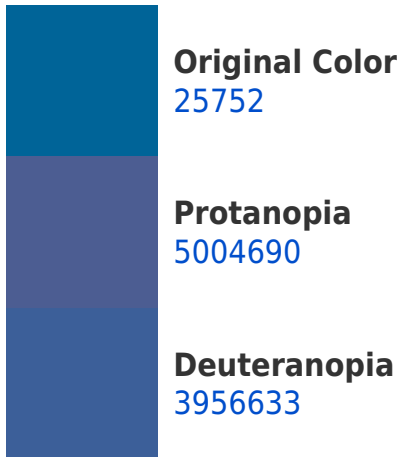


This preview shows how white text looks on a background with the Decimal color 25752.

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

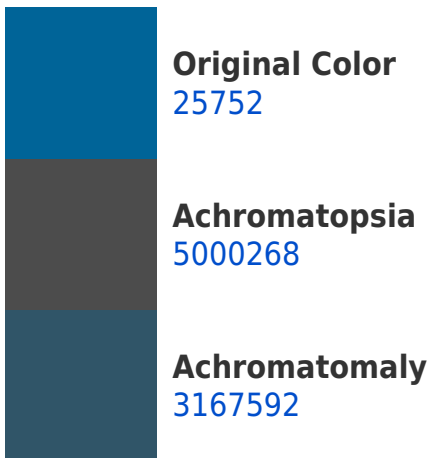




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 25752 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 #006498 looks like.

```
.text, #text, p{  
    color:#006498  
}
```

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 #006498 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006498
}
```

Border

The CSS property to change the border of an element to Decimal 25752 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
#006498 }
```

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

```
.border{ border-color:#006498 }
```

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

Here you see how a box with a 4 pixel #006498 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006498; -webkit-box-shadow:4px 4px  
4px 4px #006498; box-shadow:4px 4px 4px  
4px #006498 }
```

Background

The CSS property to change the background color of an element to Decimal 25752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006498 }
```

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

```
.background{ background-color:#006498 }
```

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