

# Converting Colors

Decimal(26004)

Have a look what the booklet for  
Decimal(26004) contains.

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# Color

**Decimal(26004)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006594
RGB	0, 101, 148
RGB Percent	0%, 40%, 58%
CMY	1.0000, 0.6039, 0.4196
CMYK	1.00, 0.32, 0.00, 0.42
HSL	199°, 100%, 29%
HSV	199°, 100%, 58%
XYZ	9.9990, 11.4455, 29.6992
YIQ	76.1590, -75.2830, -6.7950

# Conversions

## Conversions Part 2

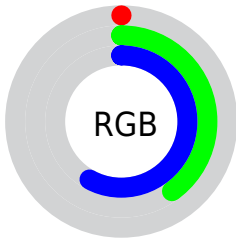
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 60, 148
Decimal	26004
CIELab	40.32, -6.73, -32.60
CIELCh	40, 33.287, 258.340
Yxy	11.4455, 0.1955, 0.2238
Android (android.graphics.Color)	4278216084 (0xFF006594)
YUV	76.1590, 35.4176, -66.7914
Hunter-Lab	33.8312, -6.4479, -28.3667

# Details

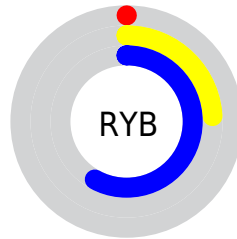
The Decimal color **26004** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9711360**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **5478602**, and **14177** is the 20% darker color. If you saturate the color by 10%, you get **26004**, and if you desaturate by 10%, it is **1010324**.

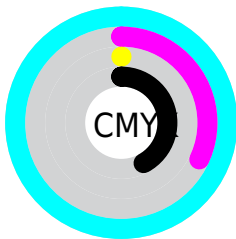
# Distribution



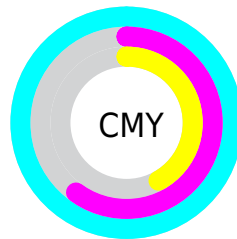
- Red (0%)
- Green (40%)
- Blue (58%)



- Red (0%)
- Yellow (24%)
- Blue (58%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (60%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 26004 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 26004 by changing the saturation by 10% instead.



■ 26004                      ■ 26004

16777215                      ■ 19834

■ 5478602                      ■ 14177

■ 7385831                      ■ 8777

■ 9293567                      ■ 1586

■ 11201279                      ■ 540

■ 13107199                      ■ 0

■ 15073279

■ 26004

■ 1010324

■ 1994388

■ 2913172

■ 3897492

■ 4881556

■ 5865876

■ 6850196

■ 7768980

■ 8753044

# Harmonies

## Analogous

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



27527



26004



5266579

# Triad

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



26004



9587023



4155706

# Complementary

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



26004



9711360

# 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.



6251305



26004



9130039

# Square

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



26004



9193835



7887401



617555

# Rectangle

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



26004



7034250



7887401



4941619



# Sweetspot

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



26004



8826303



37935



4085345



14737632



6381921



# Same Dimension

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



26004



33727



7060



4409418



24202



1802



# Inverse Universe

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



9699429



12517507



9730304



4866888



9044062



655367



# Previews

## White Background



This preview shows how the Decimal color 26004 looks on a white background.

### Color Contrast Check

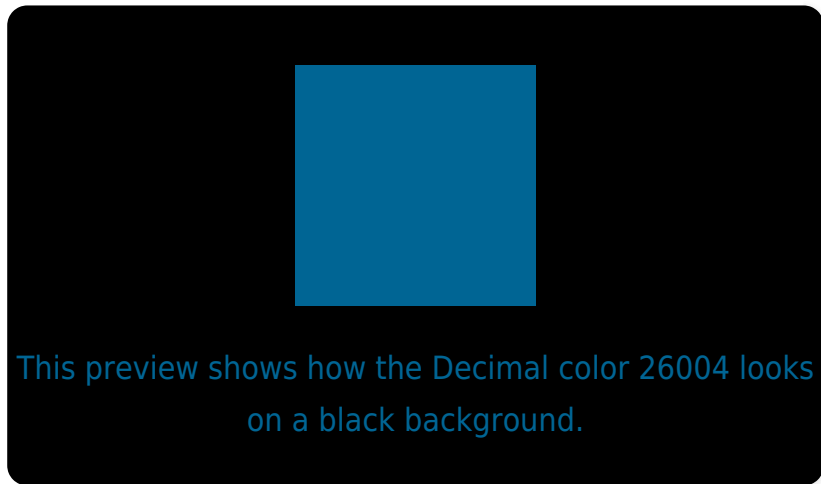
Large Text (above 18pt) WCAG AA ✓ Pass

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

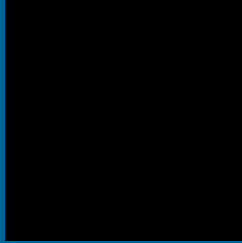
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 26004 Background



This preview shows how black text looks on a background with the Decimal color 26004.



This preview shows how white text looks on a background with the Decimal color 26004.

# 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**  
26004

**Protanomaly**  
3301520

**Deuteranomaly**  
2711957

# Monochromacy



**Original Color**  
26004

**Achromatopsia**  
5000268

**Achromatomaly**  
3167590

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 26004 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 #006594 looks like.

```
.text, #text, p{  
    color:#006594  
}
```

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 #006594 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006594
}
```

## Border

The CSS property to change the border of an element to Decimal 26004 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
#006594 }
```

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

```
.border{ border-color:#006594 }
```

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

Here you see how a box with a 4 pixel #006594 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006594; -webkit-box-shadow:4px 4px  
4px 4px #006594; box-shadow:4px 4px 4px  
4px #006594 }
```

# Background

The CSS property to change the background color of an element to Decimal 26004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006594 }
```

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

```
.background{ background-color:#006594 }
```

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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