

Converting Colors

Decimal(17564)

Have a look what the booklet for
Decimal(17564) contains.

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Color

Decimal(17564)

Conversions

Conversions Part 1

Format	Color
Hex	00449C
RGB	0, 68, 156
RGB Percent	0%, 27%, 61%
CMY	1.0000, 0.7333, 0.3882
CMYK	1.00, 0.56, 0.00, 0.39
HSL	214°, 100%, 31%
HSV	214°, 100%, 61%
XYZ	8.0679, 6.5345, 32.2886
YIQ	57.7000, -68.7760, 12.9520

Conversions

Conversions Part 2

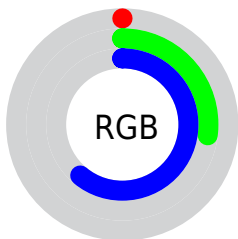
Format	Color
R _{YB}	0, 47, 156
Decimal	17564
CIE _{Lab}	30.72, 18.35, -52.81
CIE _{LCh}	31, 55.910, 289.158
Y _{xy}	6.5345, 0.1721, 0.1394
Android (android.graphics.Color)	4278207644 (0xFF00449C)
Y _{UV}	57.7000, 48.4619, -50.6029
Hunter-Lab	25.5628, 11.6016, -56.9958

Details

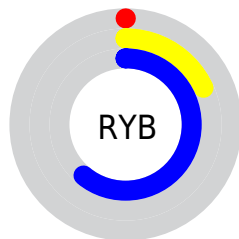
The Decimal color **17564** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **10246144**, and the grayscale version is **3750201**.

A 20% lighter version of the original color is **5665747**, and **7016** is the 20% darker color. If you saturate the color by 10%, you get **17564**, and if you desaturate by 10%, it is **1068444**.

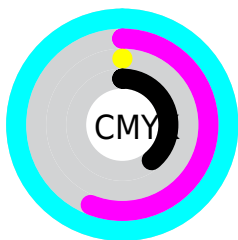
Distribution



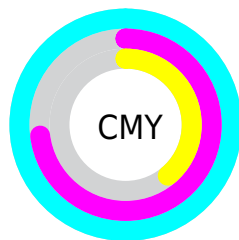
- Red (0%)
- Green (27%)
- Blue (61%)



- Red (0%)
- Yellow (18%)
- Blue (61%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (39%)



















- Cyan (100%)
- Magenta (73%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 17564 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 17564 by changing the saturation by 10% instead.

 17564	 17564
 16777215	 11905
 5665747	 7016
 7572976	 79
 9545727	 1335
 11453183	 545
 13360895	 6
 15334143	 0

 17564

 1068444

■ 2053788

■ 3104412

■ 4089756

■ 5140636

■ 6191516

■ 7176860

■ 8227484

■ 9212828

Harmonies

Analogous

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



21151



17564



7023746

Triad

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



17564



8595969



23094

Complementary

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



17564



10246144

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.



22018



17564



6701312

Square

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



17564



9570863



4214528



23396

Rectangle

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



17564



8722024



4214528



22823

Sweetspot

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



17564



9415116



40022



4280678



15132390



6710886

Same Dimension

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



17564



22988



524444



4672335



16015



1807

Inverse Universe

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



10223684



13369433



9739264



5195595



9371710



983047

Previews

White Background



This preview shows how the Decimal color 17564 looks on a white background.

Color Contrast Check

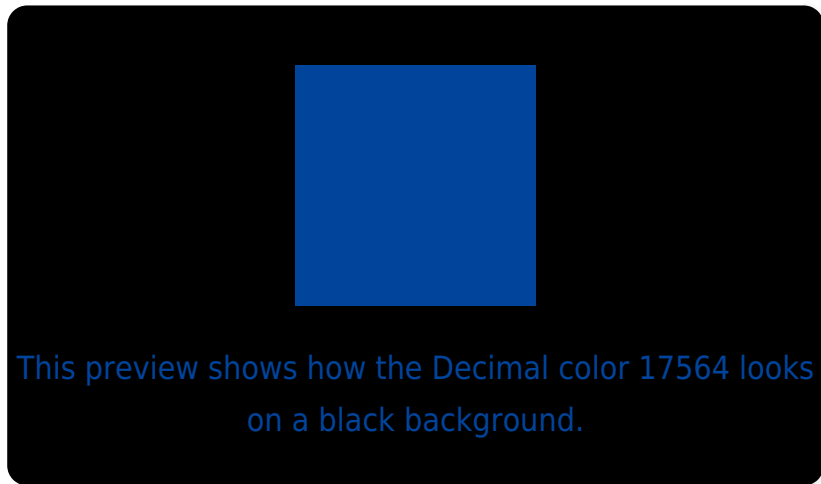
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 17564 Background



This preview shows how black text looks on a background with the Decimal color 17564.



This preview shows how white text looks on a background with the Decimal color 17564.

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

17564

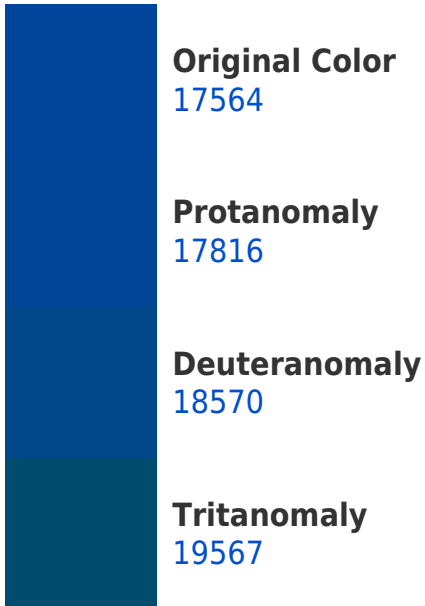
Protanopia

18069

Deuteranopia

19328

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 17564 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 #00449C looks like.

```
.text, #text, p{  
    color:#00449C  
}
```

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 #00449C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00449C
}
```

Border

The CSS property to change the border of an element to Decimal 17564 is called "border". The border property can be set on classes, ids or directly on the HTML element.

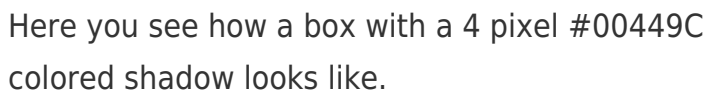
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00449C }
```

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

```
.border{ border-color:#00449C }
```

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



Here you see how a box with a 4 pixel #00449C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00449C; -webkit-box-shadow:4px 4px  
4px 4px #00449C; box-shadow:4px 4px 4px  
4px #00449C }
```

Background

The CSS property to change the background color of an element to Decimal 17564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00449C }
```

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

```
.background{ background-color:#00449C }
```

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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