

Converting Colors

Decimal(18584)

Have a look what the booklet for
Decimal(18584) contains.

Decimal(18584)	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>	28

Color

Decimal(18584)

Conversions

Conversions Part 1

Format	Color
Hex	004898
RGB	0, 72, 152
RGB Percent	0%, 28%, 60%
CMY	1.0000, 0.7176, 0.4039
CMYK	1.00, 0.53, 0.00, 0.40
HSL	212°, 100%, 30%
HSV	212°, 100%, 60%
XYZ	7.9849, 6.9017, 30.6171
YIQ	59.5920, -68.5920, 9.6160

Conversions

Conversions Part 2

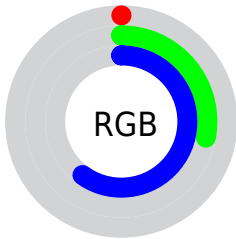
Format	Color
R _Y B	0, 49, 152
Decimal	18584
CIE Lab	31.58, 13.89, -48.99
CIE LCh	32, 50.921, 285.828
Yxy	6.9017, 0.1755, 0.1517
Android (android.graphics.Color)	4278208664 (0xFF004898)
YUV	59.5920, 45.5571, -52.2622
Hunter-Lab	26.2711, 8.2789, -50.7083

Details

The Decimal color **18584** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **9981952**, and the grayscale version is **3881787**.

A 20% lighter version of the original color is **5535951**, and **7780** is the 20% darker color. If you saturate the color by 10%, you get **18584**, and if you desaturate by 10%, it is **1003672**.

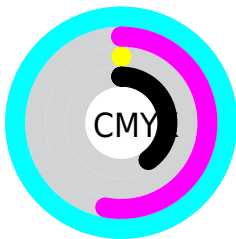
Distribution



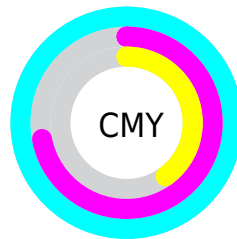
- Red (0%)
- Green (28%)
- Blue (60%)



- Red (0%)
- Yellow (19%)
- Blue (60%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (40%)

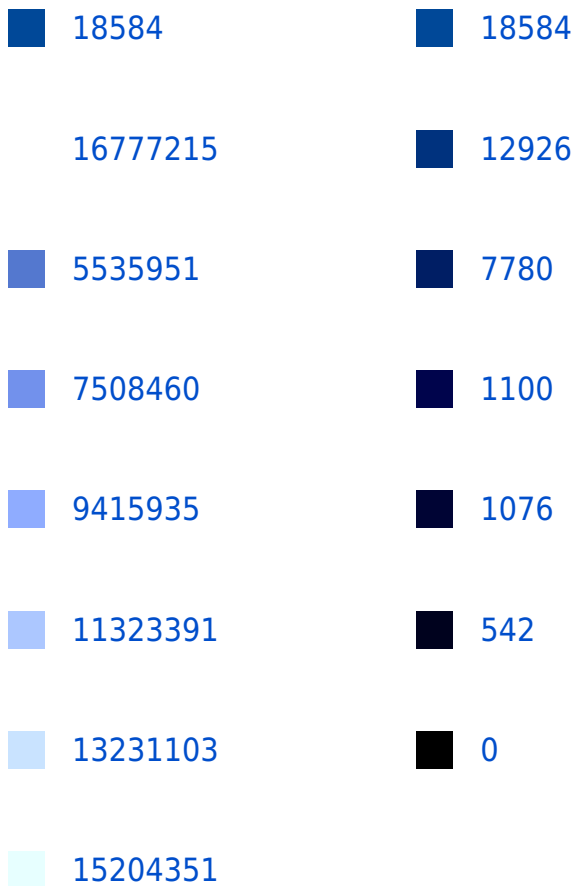


- Cyan (100%)
- Magenta (72%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 18584 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 18584 by changing the saturation by 10% instead.



18584

1003672

■ 1988760

■ 3039384

■ 4024472

■ 5009560

■ 5994648

■ 6979736

■ 8030360

■ 9015448

Harmonies

Analogous

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



21656



18584



6632579

Triad

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



18584



8662544



23349

Complementary

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



18584



9981952

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.



1070856



18584



7029248

Square

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



18584



9378359



4738816



23647

Rectangle

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



18584



8332652



4738816



23079

Sweetspot

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



18584



9020868



38991



4215139



14935011



6513507

Same Dimension

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



18584



24004



196760



4540493



17036



1549

Inverse Universe

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



9961544



12845149



9803776



5064008



9175106



851974

Previews

White Background



This preview shows how the Decimal color 18584 looks on a white background.

Color Contrast Check

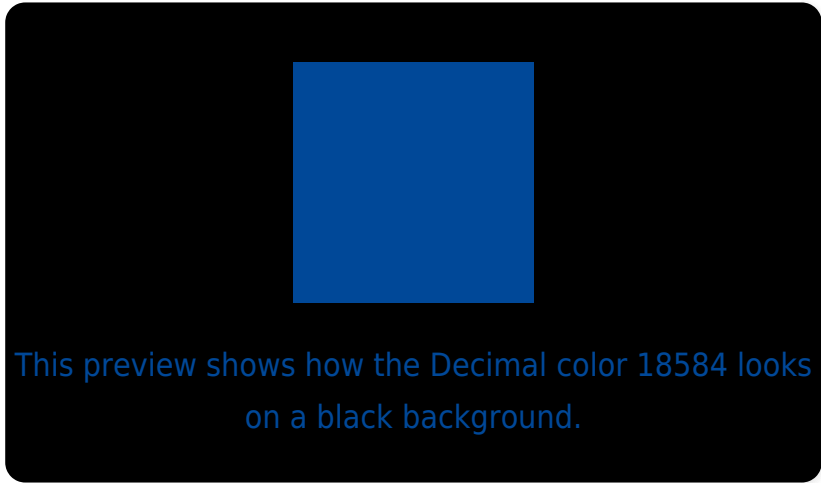
Large Text (above 18pt) WCAG AA ✓ Pass

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

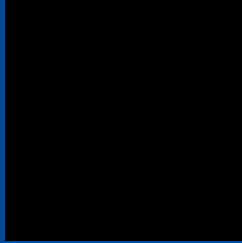
Any Text WCAG AA × Fail

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 18584 Background



This preview shows how black text looks on a background with the Decimal color 18584.



This preview shows how white text looks on a background with the Decimal color 18584.

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
18584

Protanomaly
542872

Tritanomaly
20335

Monochromacy



Original Color
18584

Achromatopsia
3947580

Achromatomaly
2506845

CSS Examples

Text

The CSS property to change the color of the text to Decimal 18584 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 #004898 looks like.

```
.text, #text, p{  
    color:#004898  
}
```

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 #004898 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004898
}
```

Border

The CSS property to change the border of an element to Decimal 18584 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
#004898 }
```

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

```
.border{ border-color:#004898 }
```

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

Here you see how a box with a 4 pixel #004898 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004898; -webkit-box-shadow:4px 4px  
4px 4px #004898; box-shadow:4px 4px 4px  
4px #004898 }
```

Background

The CSS property to change the background color of an element to Decimal 18584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004898 }
```

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

```
.background{ background-color:#004898 }
```

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