

Converting Colors

Decimal(1007769)

Have a look what the booklet for
Decimal(1007769) contains.

Decimal(1007769)	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(1007769)

Conversions

Conversions Part 1

Format	Color
Hex	0F6099
RGB	15, 96, 153
RGB Percent	6%, 38%, 60%
CMY	0.9412, 0.6235, 0.4000
CMYK	0.90, 0.37, 0.00, 0.40
HSL	205°, 82%, 33%
HSV	205°, 90%, 60%
XYZ	10.1296, 10.7672, 31.6814
YIQ	78.2790, -66.5730, 0.5550

Conversions

Conversions Part 2

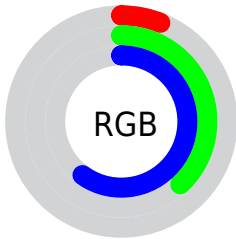
Format	Color
R_{YB}	15, 66, 153
Decimal	1007769
CIE _{Lab}	39.19, -0.81, -37.38
CIE _{LCh}	39, 37.390, 268.758
Yxy	10.7672, 0.1927, 0.2048
Android (android.graphics.Color)	4279197849 (0xFF0F6099)
YUV	78.2790, 36.8375, -55.4957
Hunter-Lab	32.8134, -2.3198, -34.2751

Details

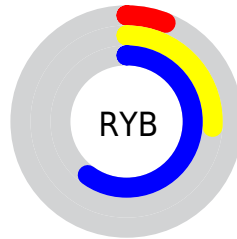
The Decimal color **1007769** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **10045455**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **5804752**, and **12901** is the 20% darker color. If you saturate the color by 10%, you get **23193**, and if you desaturate by 10%, it is **1992345**.

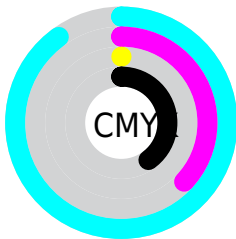
Distribution



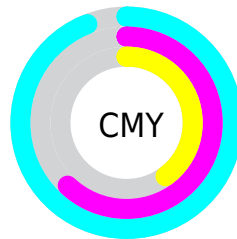
- Red (6%)
- Green (38%)
- Blue (60%)



- Red (6%)
- Yellow (26%)
- Blue (60%)



- Cyan (90%)
- Magenta (37%)
- Yellow (0%)
- Black (40%)



- Cyan (94%)
- Magenta (62%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1007769 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 1007769 by changing the saturation by 10% instead.

■ 1007769

■ 1007769

16777215

■ 18815

■ 5804752

■ 12901

■ 7712236

■ 7757

■ 9619711

■ 1334

■ 11527423

■ 544

■ 13434879

■ 4

■ 15400959

■ 0

■ 1007769

■ 1007769

■ 23193

■ 1992345

■ 3042713

■ 4027289

■ 5011865

■ 5996697

■ 7046809

■ 8031385

■ 9016217

■ 10066329

Harmonies

Analogous

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



26512



1007769



5985682

Triad

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



1007769



9651265



2582843

Complementary

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



1007769



10045455

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.



5268260



1007769



8802088

Square

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



1007769



9584991



7232028



27482

Rectangle

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



1007769



7752837



7232028



3630898

Sweetspot

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



1007769



9548231



1022278



4478563



14935011



6513507

Same Dimension

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



1007769



30151



990617



4540749



21132



1805

Inverse Universe

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



10030944



13041781



10062607



5064009



9175122



851975

Previews

White Background



This preview shows how the Decimal color 1007769 looks on a white background.

Color Contrast Check

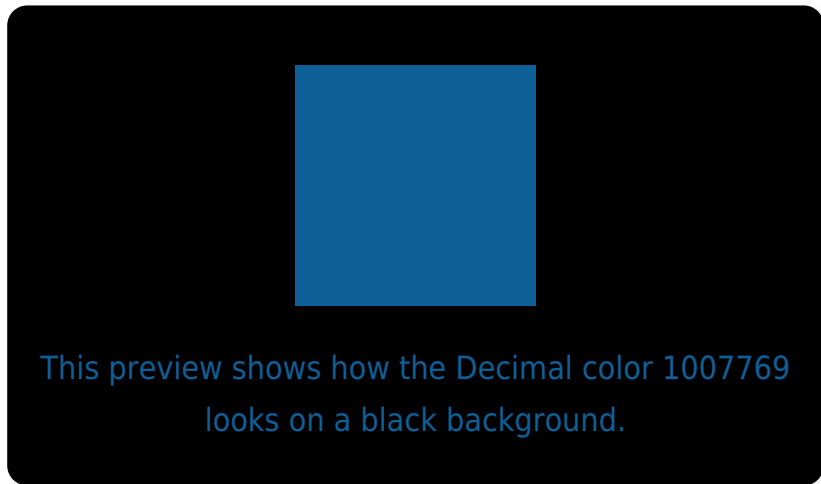
Large Text (above 18pt) WCAG AA ✓ Pass

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

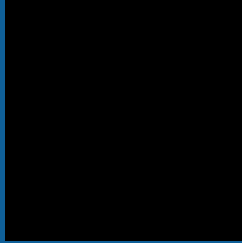
Any Text WCAG AA × Fail

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 1007769 Background



This preview shows how black text looks on a background with the Decimal color 1007769.

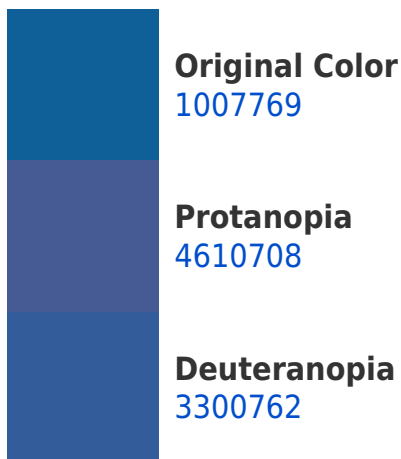


This preview shows how white text looks on a background with the Decimal color 1007769.

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
1007769

Protanomaly
3300502

Deuteranomaly
2449050

Tritanomaly
353406

Monochromacy



Original Color
1007769

Achromatopsia
5131854

Achromatomaly
3626345

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1007769 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 #0F6099 looks like.

```
.text, #text, p{  
  color:#0F6099  
}
```

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 #0F6099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F6099
}
```

Border

The CSS property to change the border of an element to Decimal 1007769 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
#0F6099 }
```

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

```
.border{ border-color:#0F6099 }
```

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

Here you see how a box with a 4 pixel #0F6099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F6099; -webkit-box-shadow:4px 4px  
4px 4px #0F6099; box-shadow:4px 4px 4px  
4px #0F6099 }
```

Background

The CSS property to change the background color of an element to Decimal 1007769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F6099 }
```

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

```
.background{ background-color:#0F6099 }
```

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