

# Converting Colors

Decimal(1007032)

Have a look what the booklet for  
Decimal(1007032) contains.

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# Color

**Decimal(1007032)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F5DB8
RGB	15, 93, 184
RGB Percent	6%, 36%, 72%
CMY	0.9412, 0.6353, 0.2784
CMYK	0.92, 0.49, 0.00, 0.28
HSL	212°, 85%, 39%
HSV	212°, 92%, 72%
XYZ	12.7631, 11.3910, 46.8734
YIQ	80.0520, -75.6990, 11.7650

# Conversions

## Conversions Part 2

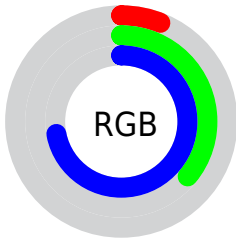
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 68, 184
Decimal	1007032
CIE Lab	40.23, 13.66, -54.06
CIE LCh	40, 55.764, 284.184
Yxy	11.3910, 0.1797, 0.1604
Android (android.graphics.Color)	4279197112 (0xFF0F5DB8)
YUV	80.0520, 51.2464, -57.0506
Hunter-Lab	33.7505, 8.4382, -58.7179

# Details

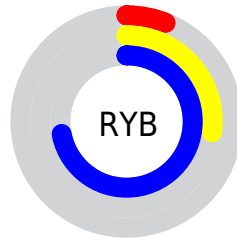
The Decimal color **1007032** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **12085775**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **6393841**, and **12418** is the 20% darker color. If you saturate the color by 10%, you get **21944**, and if you desaturate by 10%, it is **2189240**.

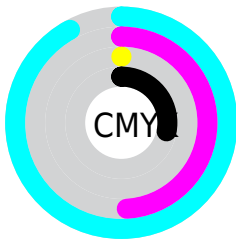
# Distribution



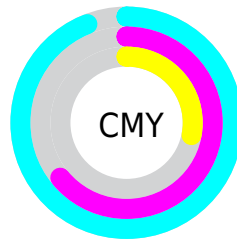
- Red (6%)
- Green (36%)
- Blue (72%)



- Red (6%)
- Yellow (27%)
- Blue (72%)



- Cyan (92%)
- Magenta (49%)
- Yellow (0%)
- Black (28%)



- Cyan (94%)
- Magenta (64%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1007032 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 1007032 by changing the saturation by 10% instead.



 1007032

 1007032

16777215

 18077

 6393841

 12418

 8366591

 7528

 10339583

 80

 12312831

 1336

 14286079

 545

 16252927

 7

 0

 1007032

 1007032

■ 21944

■ 2189240

■ 3436984

■ 4619192

■ 5866936

■ 7049144

■ 8231096

■ 9478840

■ 10661048

■ 11908792

# Harmonies

## Analogous

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



27575



1007032



8079521

# Triad

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



1007032



10698272



29252

# Complementary

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



1007032



12085775

# 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.



2583828



1007032



8868864

# Square

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



1007032



11480139



6251264



29556

# Rectangle

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



1007032



10107015



6251264



28725



# Sweetspot

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



1007032



11390192



1030249



5202552



16250871



7895160



# Same Dimension

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



1007032



28656



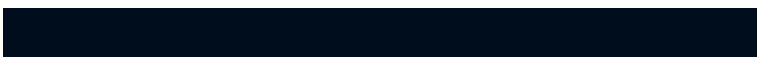
1380280



5461852



18588



3356



# Inverse Universe

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



12062557



15728751



11712527



6050647



10223688



1835021



# Previews

## White Background



This preview shows how the Decimal color 1007032 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



This preview shows how the Decimal color 1007032 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

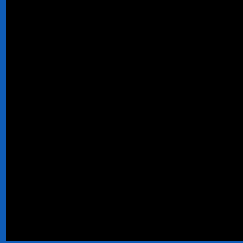
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 1007032 Background



This preview shows how black text looks on a background with the Decimal color 1007032.



This preview shows how white text looks on a background with the Decimal color 1007032.

# 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**  
1007032

**Protanomaly**  
2120887

**Deuteranomaly**  
352430

**Tritanomaly**  
353674

# Monochromacy



**Original Color**  
1007032

**Achromatopsia**  
5263440

**Achromatomaly**  
3691894

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1007032 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 #0F5DB8 looks like.

```
.text, #text, p{  
  color:#0F5DB8  
}
```

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 #0F5DB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F5DB8  
}
```

## Border

The CSS property to change the border of an element to Decimal 1007032 is called "border". The border property can be set on classes, ids or directly on the HTML element.

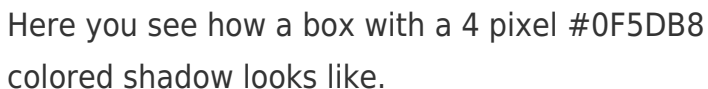
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#0F5DB8 }
```

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

```
.border{ border-color:#0F5DB8 }
```

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



Here you see how a box with a 4 pixel #0F5DB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F5DB8; -webkit-box-shadow:4px 4px  
4px 4px #0F5DB8; box-shadow:4px 4px 4px  
4px #0F5DB8 }
```

# Background

The CSS property to change the background color of an element to Decimal 1007032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F5DB8 }
```

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

```
.background{ background-color:#0F5DB8 }
```

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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