

Converting Colors

Decimal(4947640)

Have a look what the booklet for
Decimal(4947640) contains.

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Color

Decimal(4947640)

Conversions

Conversions Part 1

Format	Color
Hex	4B7EB8
RGB	75, 126, 184
RGB Percent	29%, 49%, 72%
CMY	0.7059, 0.5059, 0.2784
CMYK	0.59, 0.32, 0.00, 0.28
HSL	212°, 43%, 51%
HSV	212°, 59%, 72%
XYZ	19.0142, 19.8783, 48.1821
YIQ	117.3630, -49.0140, 7.2260

Conversions

Conversions Part 2

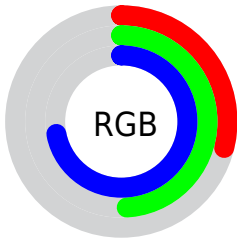
Format	Color
R_{YB}	75, 110, 184
Decimal	4947640
CIE Lab	51.70, 0.62, -35.68
CIE LCh	52, 35.690, 270.994
Yxy	19.8783, 0.2184, 0.2283
Android (android.graphics.Color)	4283137720 (0xFF4B7EB8)
YUV	117.3630, 32.8520, -37.1524
Hunter-Lab	44.5850, -1.8987, -32.8640

Details

The Decimal color **4947640** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **12092747**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **8696560**, and **19843** is the 20% darker color. If you saturate the color by 10%, you get **3765432**, and if you desaturate by 10%, it is **6129848**.

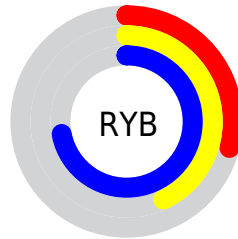
Distribution



Red (29%)

Green (49%)

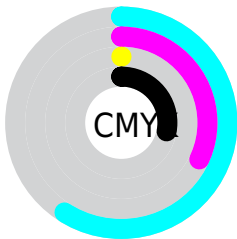
Blue (72%)



Red (29%)

Yellow (43%)

Blue (72%)

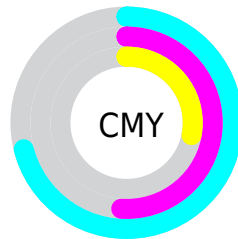


Cyan (59%)

Magenta (32%)

Yellow (0%)

Black (28%)



Cyan (71%)

Magenta (51%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4947640 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 4947640 by changing the saturation by 10% instead.

■ 4947640

■ 4947640

16777215

■ 2909597

■ 8696560

■ 19843

■ 10538751

■ 14185

■ 12446463

■ 8785

■ 14352383

■ 2873

■ 16318463

■ 547

■ 10

■ 0

■ 4947640

■ 4947640

■ 3765432

■ 6129848

■ 2517688

■ 7377592

■ 1335736

■ 8559544

■ 87992

■ 9807288

■ 22200

■ 10989496

■ 12171704

■ 13419448

■ 14601400

■ 15849144

Harmonies

Analogous

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



34480



4947640



8352688

Triad

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



4947640



11822429



4687965

Complementary

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



4947640



12092747

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.



7242565



4947640



10907462

Square

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



4947640



11821691



9271869



35707

Rectangle

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



4947640



9989026



9271869



5605204

Sweetspot

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



4947640



12966384



4962435



6122104



16250871



7895160

Same Dimension

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



4947640



4625904



5065656



5461852



18844



3356

Inverse Universe

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



12077950



15746709



11974731



6050647



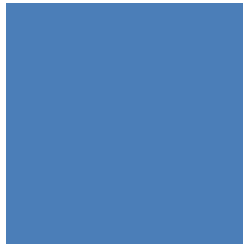
10223689



1835021

Previews

White Background



This preview shows how the Decimal color 4947640 looks on a white 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

Black Background



This preview shows how the Decimal color 4947640 looks on a black 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

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

Decimal 4947640 Background



This preview shows how black text looks on a background with the Decimal color 4947640.

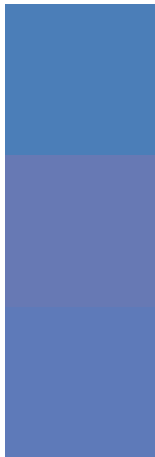


This preview shows how white text looks on a background with the Decimal color 4947640.

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

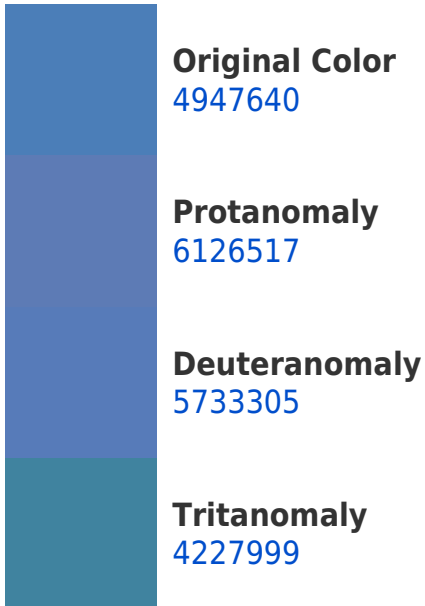


Original Color
4947640

Protanopia
6781364

Deuteranopia
6191801

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4947640 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 #4B7EB8 looks like.

```
.text, #text, p{  
    color:#4B7EB8  
}
```

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 #4B7EB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B7EB8
}
```

Border

The CSS property to change the border of an element to Decimal 4947640 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
#4B7EB8 }
```

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

```
.border{ border-color:#4B7EB8 }
```

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

Here you see how a box with a 4 pixel #4B7EB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B7EB8; -webkit-box-shadow:4px 4px  
4px 4px #4B7EB8; box-shadow:4px 4px 4px  
4px #4B7EB8 }
```

Background

The CSS property to change the background color of an element to Decimal 4947640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7EB8 }
```

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

```
.background{ background-color:#4B7EB8 }
```

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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