

Converting Colors

Decimal(4947350)

Have a look what the booklet for
Decimal(4947350) contains.

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Color

Decimal(4947350)

Conversions

Conversions Part 1

Format	Color
Hex	4B7D96
RGB	75, 125, 150
RGB Percent	29%, 49%, 59%
CMY	0.7059, 0.5098, 0.4118
CMYK	0.50, 0.17, 0.00, 0.41
HSL	200°, 33%, 44%
HSV	200°, 50%, 59%
XYZ	15.7403, 18.3651, 31.5694
YIQ	112.9000, -37.8250, -2.8250

Conversions

Conversions Part 2

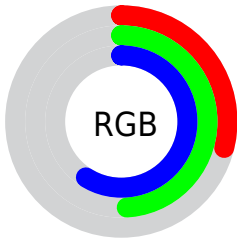
Format	Color
RYB	75, 105, 150
Decimal	4947350
CIELab	49.94, -9.63, -18.69
CIELCh	50, 21.026, 242.737
Yxy	18.3651, 0.2397, 0.2796
Android (android.graphics.Color)	4283137430 (0xFF4B7D96)
YUV	112.9000, 18.2903, -33.2383
Hunter-Lab	42.8545, -9.4331, -13.6786

Details

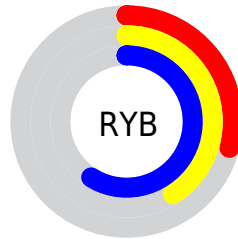
The Decimal color **4947350** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9856075**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **8434380**, and **1133667** is the 20% darker color. If you saturate the color by 10%, you get **3963030**, and if you desaturate by 10%, it is **5931670**.

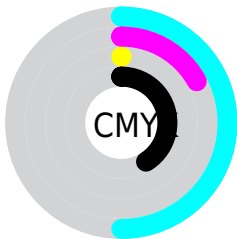
Distribution



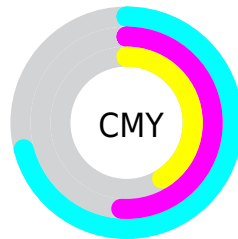
- Red (29%)
- Green (49%)
- Blue (59%)



- Red (29%)
- Yellow (41%)
- Blue (59%)



- Cyan (50%)
- Magenta (17%)
- Yellow (0%)
- Black (41%)



- Cyan (71%)
- Magenta (51%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4947350 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 4947350 by changing the saturation by 10% instead.

■ 4947350

■ 4947350

16777215

■ 3171452

■ 8434380

■ 1133667

■ 10276328

■ 13643

■ 12052991

■ 8244

■ 13959167

■ 544

■ 15859711

■ 3

■ 0

■ 4947350

■ 4947350

■ 3963030

■ 5931670

■ 2978710

■ 6915990

■ 1994390

■ 7900310

■ 1010070

■ 8884630

■ 25750

■ 9868950

■ 10853270

■ 11837590

■ 12821910

■ 13806230

Harmonies

Analogous

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



4227209



4947350



6518938

Triad

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



4947350



10119798



7306328

Complementary

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



4947350



9856075

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.



8549971



4947350



10120036

Square

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



4947350



9399431



9531480



5930854

Rectangle

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



4947350



7632024



9531480



7699030

Sweetspot

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



4947350



10860738



4953700



5200737



14737632



6381921

Same Dimension

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



4947350



5151682



4937878



4409162



23690



1802

Inverse Universe

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



9849725



12734107



9865803



4866887



9044060



655367

Previews

White Background



This preview shows how the Decimal color 4947350 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 4947350 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 4947350 Background



This preview shows how black text looks on a background with the Decimal color 4947350.

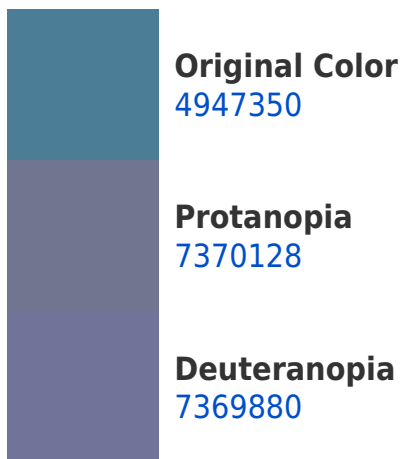


This preview shows how white text looks on a background with the Decimal color 4947350.

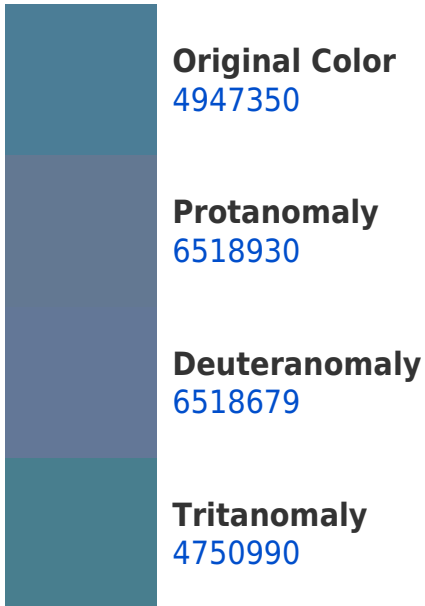
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4947350 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 #4B7D96 looks like.

```
.text, #text, p{  
  color:#4B7D96  
}
```

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 #4B7D96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B7D96
}
```

Border

The CSS property to change the border of an element to Decimal 4947350 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
#4B7D96 }
```

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

```
.border{ border-color:#4B7D96 }
```

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

Here you see how a box with a 4 pixel #4B7D96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B7D96; -webkit-box-shadow:4px 4px  
4px 4px #4B7D96; box-shadow:4px 4px 4px  
4px #4B7D96 }
```

Background

The CSS property to change the background color of an element to Decimal 4947350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7D96 }
```

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

```
.background{ background-color:#4B7D96 }
```

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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