

Converting Colors

Decimal(4943248)

Have a look what the booklet for
Decimal(4943248) contains.

Decimal(4943248)	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(4943248)

Conversions

Conversions Part 1

Format	Color
Hex	4B6D90
RGB	75, 109, 144
RGB Percent	29%, 43%, 56%
CMY	0.7059, 0.5725, 0.4353
CMYK	0.48, 0.24, 0.00, 0.44
HSL	210°, 32%, 43%
HSV	210°, 48%, 56%
XYZ	13.4043, 14.4468, 28.4676
YIQ	102.8240, -31.4990, 3.6770

Conversions

Conversions Part 2

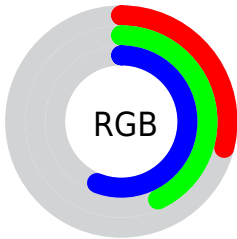
Format	Color
R_{YB}	75, 98, 144
Decimal	4943248
CIE _{Lab}	44.87, -2.10, -22.94
CIE _{LCh}	45, 23.040, 264.774
Yxy	14.4468, 0.2380, 0.2565
Android (android.graphics.Color)	4283133328 (0xFF4B6D90)
YUV	102.8240, 20.2998, -24.4016
Hunter-Lab	38.0089, -3.5652, -17.8003

Details

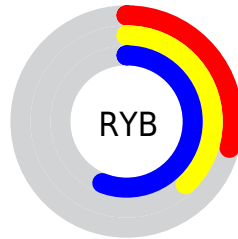
The Decimal color **4943248** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9465419**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **8364230**, and **1392221** is the 20% darker color. If you saturate the color by 10%, you get **4023952**, and if you desaturate by 10%, it is **5862544**.

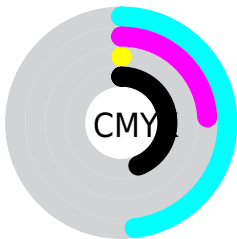
Distribution



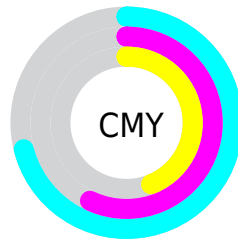
- Red (29%)
- Green (43%)
- Blue (56%)



- Red (29%)
- Yellow (38%)
- Blue (56%)



- Cyan (48%)
- Magenta (24%)
- Yellow (0%)
- Black (44%)



- Cyan (71%)
- Magenta (57%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4943248 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 4943248 by changing the saturation by 10% instead.

■ 4943248

■ 4943248

16777215

■ 3233142

■ 8364230

■ 1392221

■ 10140642

■ 10310

■ 11982847

■ 5167

■ 13825023

■ 282

■ 15728639

■ 0

■ 4943248

■ 4943248

■ 4023952

■ 5862544

■ 3038864

■ 6847632

■ 2119568

■ 7766928

■ 1134736

■ 8751760

■ 215184

■ 9671312

■ 18320

■ 10590608

■ 11575440

■ 12494736

■ 13479824

Harmonies

Analogous

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



3175049



4943248



6841997

Triad

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



4943248



9461083



5337683

Complementary

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



4943248



9465419

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.



6778439



4943248



9003339

Square

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



4943248



9264238



8022084



3830886

Rectangle

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



4943248



7955077



8022084



5796174

Sweetspot

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



4943248



10530234



4952174



5133918



14606046



6184542

Same Dimension

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



4943248



5145530



4934544



4211783



17287



1032

Inverse Universe

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



9456493



12209795



9474123



4669508



8847427



524292

Previews

White Background



This preview shows how the Decimal color 4943248 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 4943248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

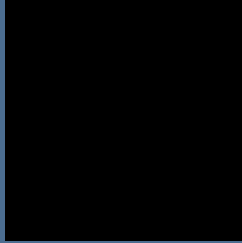
Any Text WCAG AA × Fail

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 4943248 Background



This preview shows how black text looks on a background with the Decimal color 4943248.

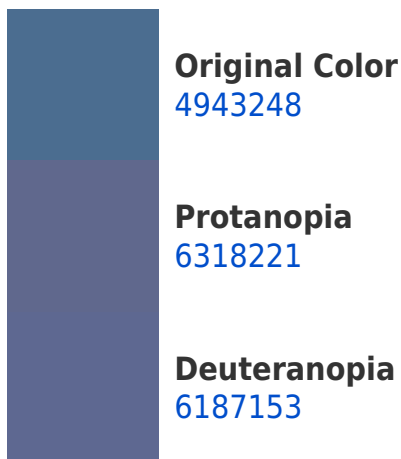



This preview shows how white text looks on a background with the Decimal color 4943248.

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](#).

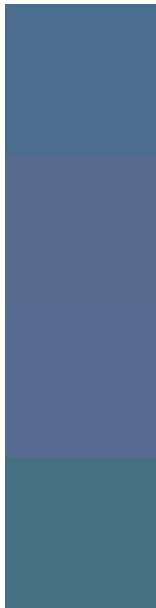
Dichromacy





Tritanopia
4485498

Trichromacy



Original Color
4943248

Protanomaly
5794446

Deuteranomaly
5728913

Tritanomaly
4681858

Monochromacy



Original Color
4943248

Achromatopsia
6776679

Achromatomaly
6121846

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4943248 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 #4B6D90 looks like.

```
.text, #text, p{  
    color:#4B6D90  
}
```

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 #4B6D90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6D90
}
```

Border

The CSS property to change the border of an element to Decimal 4943248 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
#4B6D90 }
```

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

```
.border{ border-color:#4B6D90 }
```

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

Here you see how a box with a 4 pixel #4B6D90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6D90; -webkit-box-shadow:4px 4px  
4px 4px #4B6D90; box-shadow:4px 4px 4px  
4px #4B6D90 }
```

Background

The CSS property to change the background color of an element to Decimal 4943248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6D90 }
```

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

```
.background{ background-color:#4B6D90 }
```

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