

Converting Colors

Decimal(4862562)

Have a look what the booklet for
Decimal(4862562) contains.

Decimal(4862562)	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(4862562)

Conversions

Conversions Part 1

Format	Color
Hex	4A3262
RGB	74, 50, 98
RGB Percent	29%, 20%, 38%
CMY	0.7098, 0.8039, 0.6157
CMYK	0.24, 0.49, 0.00, 0.62
HSL	270°, 32%, 29%
HSV	270°, 49%, 38%
XYZ	6.1692, 4.6189, 12.1217
YIQ	62.6480, -1.1040, 20.0160

Conversions

Conversions Part 2

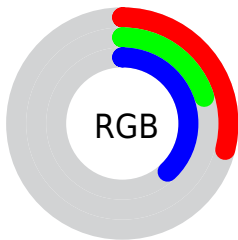
Format	Color
R_YB	74, 50, 98
Decimal	4862562
CIE _{Lab}	25.62, 21.54, -24.45
CIE _{LCh}	26, 32.590, 311.380
Yxy	4.6189, 0.2693, 0.2016
Android (android.graphics.Color)	4283052642 (0xFF4A3262)
YUV	62.6480, 17.4285, 9.9557
Hunter-Lab	21.4916, 13.6288, -18.3965

Details

The Decimal color **4862562** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4874802**, and the grayscale version is **4079166**.

A 20% lighter version of the original color is **8151445**, and **1836595** is the 20% darker color. If you saturate the color by 10%, you get **4532322**, and if you desaturate by 10%, it is **5192802**.

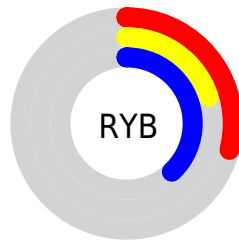
Distribution



Red (29%)

Green (20%)

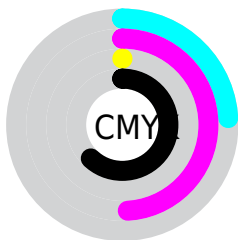
Blue (38%)



Red (29%)

Yellow (20%)

Blue (38%)

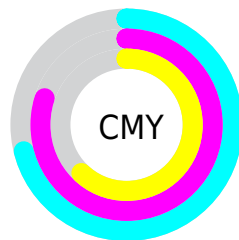


Cyan (24%)

Magenta (49%)

Yellow (0%)

Black (62%)



Cyan (71%)

Magenta (80%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4862562 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 4862562 by changing the saturation by 10% instead.

■ 4862562

■ 4862562

16777215

■ 3284042

■ 8151445

■ 1836595

■ 9861808

■ 30

■ 11637963

■ 0

■ 13479912

■ 15321855

■ 16770815

■ 4862562

■ 4862562

■ 4532322

■ 5192802

■ 4202082

■ 5523042

■ 3872098

■ 5853026

■ 3541858

■ 6183266

■ 3277154

■ 6513506

■ 3211362

■ 6778210

■ 7108450

■ 7438434

■ 7768674

Harmonies

Analogous

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



1850477



4862562



6367309

Triad

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



4862562



5649931



18758

Complementary

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



4862562



4874802

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.



18220



4862562



4275718

Square

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



4862562



6630429



2442261



18269

Rectangle

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



4862562



6825277



2442261



18493

Sweetspot

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



4862562



7761024



3295842



3814464



12566463



4210752

Same Dimension

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



4862562



5911680



6435426



3025968



3670128



7864560

Inverse Universe

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



6435402



8402010



3301938



3157038



7340088



15728760

Previews

White Background



This preview shows how the Decimal color 4862562 looks on a white background.

Color Contrast Check

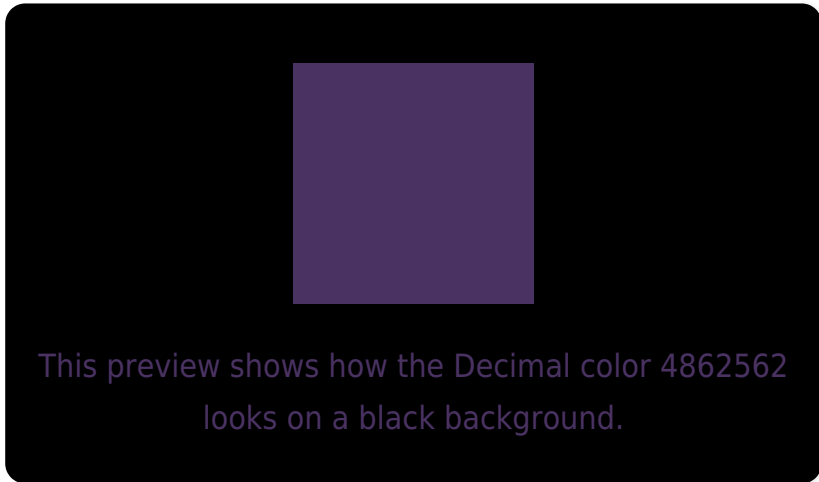
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

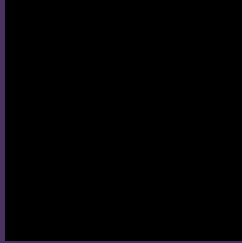
Any Text WCAG AA × Fail

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 4862562 Background



This preview shows how black text looks on a background with the Decimal color 4862562.



This preview shows how white text looks on a background with the Decimal color 4862562.

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](#).

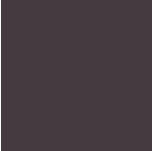
Dichromacy



Original Color
4862562

Protanopia
2571115

Deuteranopia
2768224



Tritanopia
4471359

Trichromacy



Original Color
4862562

Protanomaly
3422312

Deuteranomaly
3553633

Tritanomaly
4601676

Monochromacy



Original Color
4862562

Achromatopsia
4144959

Achromatomaly
4405836

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4862562 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 #4A3262 looks like.

```
.text, #text, p{  
    color:#4A3262  
}
```

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 #4A3262 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A3262
}
```

Border

The CSS property to change the border of an element to Decimal 4862562 is called "border". The border property can be set on classes, ids or directly on the HTML element.

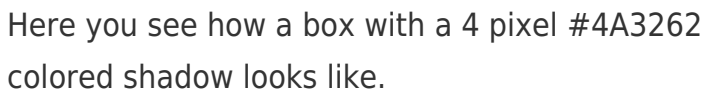
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A3262 }
```

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

```
.border{ border-color:#4A3262 }
```

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



Here you see how a box with a 4 pixel #4A3262 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A3262; -webkit-box-shadow:4px 4px  
4px 4px #4A3262; box-shadow:4px 4px 4px  
4px #4A3262 }
```

Background

The CSS property to change the background color of an element to Decimal 4862562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A3262 }
```

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

```
.background{ background-color:#4A3262 }
```

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