

Converting Colors

Decimal(6447782)

Have a look what the booklet for
Decimal(6447782) contains.

| | |
|--|----|
| Decimal(6447782) | 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(6447782)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 6262A6 |
| RGB | 98, 98, 166 |
| RGB Percent | 38%, 38%, 65% |
| CMY | 0.6157, 0.6157, 0.3490 |
| CMYK | 0.41, 0.41, 0.00, 0.35 |
| HSL | 240°, 28%, 52% |
| HSV | 240°, 41%, 65% |
| XYZ | 16.2876, 14.0852, 37.9367 |
| YIQ | 105.7520, -21.8280, 21.1480 |

Conversions

Conversions Part 2

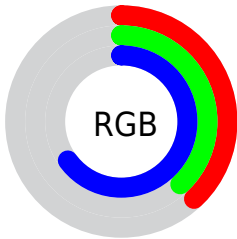
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 98, 98, 166 |
| Decimal | 6447782 |
| CIE _{Lab} | 44.35, 17.57, -36.67 |
| CIE _{LCh} | 44, 40.665, 295.601 |
| Yxy | 14.0852, 0.2384, 0.2062 |
| Android (android.graphics.Color) | 4284637862 (0xFF6262A6) |
| YUV | 105.7520, 29.7023, -6.7985 |
| Hunter-Lab | 37.5303, 11.7886, -33.6608 |

Details

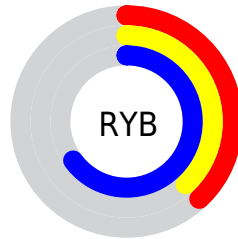
The Decimal color **6447782** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10921570**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **9934301**, and **3028082** is the 20% darker color. If you saturate the color by 10%, you get **5329318**, and if you desaturate by 10%, it is **7566246**.

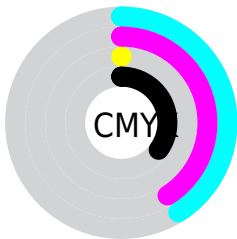
Distribution



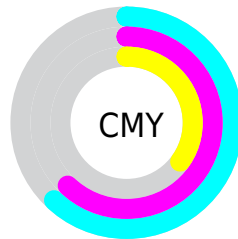
- Red (38%)
- Green (38%)
- Blue (65%)



- Red (38%)
- Yellow (38%)
- Blue (65%)



- Cyan (41%)
- Magenta (41%)
- Yellow (0%)
- Black (35%)



- Cyan (62%)
- Magenta (62%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6447782 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 6447782 by changing the saturation by 10% instead.



6447782



6447782

16777215



4737675



9934301



3028082



11775994



1056601



13618175



2113



15525887



810



276



0



6447782



6447782



5329318



7566246

■ 4276646

■ 8618918

■ 3158182

■ 9737382

■ 2105510

■ 10790054

■ 987046

■ 11908518

■ 166

■ 13026982

■ 14079654

■ 15198118

■ 16250790

Harmonies

Analogous

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



28332



6447782



9327760

Triad

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



6447782



10049842



31075

Complementary

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



6447782



10921570

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.



3438145



6447782



8414498

Square

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



6447782



10964558



6254632



31109

Rectangle

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



6447782



10440059



6254632



31063

Sweetspot

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



6447782



12566489



6465190



6184558



15592941



7237230

Same Dimension

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



6447782



7303129



8676006



5000276



148



20

Inverse Universe

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



10904230



14249945



8693346



5524564



9699476



1310740

Previews

White Background



This preview shows how the Decimal color 6447782 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 6447782 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 6447782 Background



This preview shows how black text looks on a background with the Decimal color 6447782.




This preview shows how white text looks on a background with the Decimal color 6447782.

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
5664117

Trichromacy



Original Color
6447782

Protanomaly
5596585

Deuteranomaly
5400229

Tritanomaly
5925255

Monochromacy



Original Color
6447782

Achromatopsia
6974058

Achromatomaly
6776704

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6447782 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 #6262A6 looks like.

```
.text, #text, p{  
    color:#6262A6  
}
```

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 #6262A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6262A6
}
```

Border

The CSS property to change the border of an element to Decimal 6447782 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".

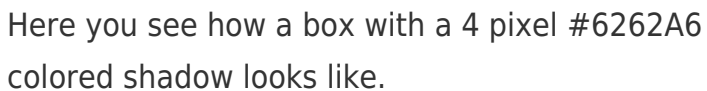
```
.border, #border, table{ border:4px solid
#6262A6 }
```

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

```
.border{ border-color:#6262A6 }
```

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

Here you see how a box with a 4 pixel #6262A6 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6262A6; -webkit-box-shadow:4px 4px  
4px 4px #6262A6; box-shadow:4px 4px 4px  
4px #6262A6 }
```

Background

The CSS property to change the background color of an element to Decimal 6447782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6262A6 }
```

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

```
.background{ background-color:#6262A6 }
```

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