

Converting Colors

Decimal(7177644)

Have a look what the booklet for
Decimal(7177644) contains.

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Color

Decimal(7177644)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 6D85AC |
| RGB | 109, 133, 172 |
| RGB Percent | 43%, 52%, 67% |
| CMY | 0.5725, 0.4784, 0.3255 |
| CMYK | 0.37, 0.23, 0.00, 0.33 |
| HSL | 217°, 28%, 55% |
| HSV | 217°, 37%, 67% |
| XYZ | 22.1406, 23.0048, 42.3032 |
| YIQ | 130.2700, -26.8230, 7.0410 |

Conversions

Conversions Part 2

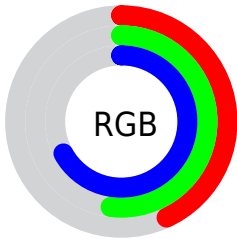
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 109, 126, 172 |
| Decimal | 7177644 |
| CIE Lab | 55.08, 1.28, -23.39 |
| CIE LCh | 55, 23.426, 273.132 |
| Yxy | 23.0048, 0.2532, 0.2631 |
| Android (android.graphics.Color) | 4285367724 (0xFF6D85AC) |
| YUV | 130.2700, 20.5729, -18.6538 |
| Hunter-Lab | 47.9633, -1.5376, -18.7188 |

Details

The Decimal color **7177644** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **11310189**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **10664676**, and **3822712** is the 20% darker color. If you saturate the color by 10%, you get **6060716**, and if you desaturate by 10%, it is **8294572**.

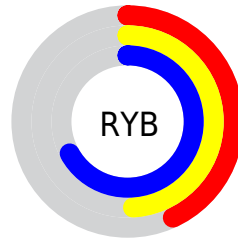
Distribution



Red (43%)

Green (52%)

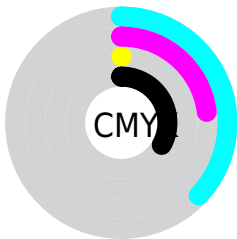
Blue (67%)



Red (43%)

Yellow (49%)

Blue (67%)

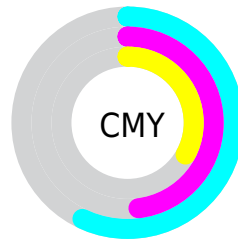


Cyan (37%)

Magenta (23%)

Yellow (0%)

Black (33%)



Cyan (57%)

Magenta (48%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7177644 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 7177644 by changing the saturation by 10% instead.

■ 7177644

■ 7177644

16777215

■ 5467281

■ 10664676

■ 3822712

■ 12506879

■ 2112863

■ 14349055

■ 75591

■ 16252927

■ 4656

■ 283

■ 0

■ 7177644

■ 7177644

■ 6060716

■ 8294572

■ 4944044

■ 9411244

■ 3761580

■ 10593708

■ 2644652

■ 11710636

■ 1527980

■ 12827308

■ 411052

■ 13944236

■ 17068

■ 15061164

■ 16243372

■ 16770476

Harmonies

Analogous

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



5409703



7177644



9076390

Triad

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



7177644



11302767



6524273

Complementary

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



7177644



11310189

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.



8030561



7177644



10648672

Square

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



7177644



11236738



9470811



5148549

Rectangle

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



7177644



10058140



9470811



7048299

Sweetspot

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



7177644



13160928



7187604



6449008



15790320



7368816

Same Dimension

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



7177644



8299488



7630252



5132631



14742



2327

Inverse Universe

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



11300229



14712483



10857581



5721681



9830457



1507337

Previews

White Background



This preview shows how the Decimal color 7177644 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 7177644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

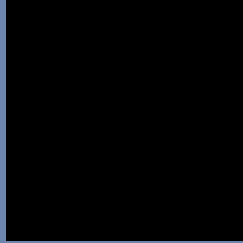
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

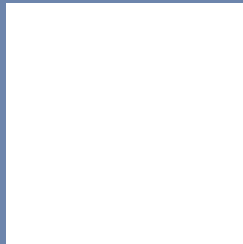
Any Text WCAG AAA × Fail

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

Decimal 7177644 Background



This preview shows how black text looks on a background with the Decimal color 7177644.



This preview shows how white text looks on a background with the Decimal color 7177644.

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

7177644

Protanopia

7963306

Deuteranopia

8028589

Trichromacy



Original Color

7177644

Protanomaly

7701419

Deuteranomaly

7701165

Tritanomaly

6916253

Monochromacy



Original Color

7177644

Achromatopsia

8553090

Achromatomaly

8029073

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7177644 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 #6D85AC looks like.

```
.text, #text, p{  
    color:#6D85AC  
}
```

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 #6D85AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D85AC
}
```

Border

The CSS property to change the border of an element to Decimal 7177644 is called "border". The border property can be set on classes, ids or directly on the HTML element.

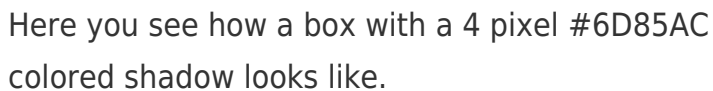
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D85AC }
```

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

```
.border{ border-color:#6D85AC }
```

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



Here you see how a box with a 4 pixel #6D85AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D85AC; -webkit-box-shadow:4px 4px  
4px 4px #6D85AC; box-shadow:4px 4px 4px  
4px #6D85AC }
```

Background

The CSS property to change the background color of an element to Decimal 7177644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D85AC }
```

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

```
.background{ background-color:#6D85AC }
```

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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