

Converting Colors

Decimal(6713510)

Have a look what the booklet for
Decimal(6713510) contains.

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Color

Decimal(6713510)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 6670A6 |
| RGB | 102, 112, 166 |
| RGB Percent | 40%, 44%, 65% |
| CMY | 0.6000, 0.5608, 0.3490 |
| CMYK | 0.39, 0.33, 0.00, 0.35 |
| HSL | 231°, 26%, 53% |
| HSV | 231°, 39%, 65% |
| XYZ | 18.1566, 17.1663, 38.4329 |
| YIQ | 115.1660, -23.2940, 14.6740 |

Conversions

Conversions Part 2

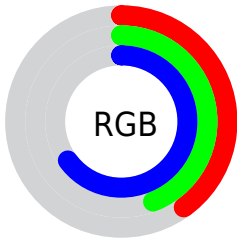
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 102, 111, 166 |
| Decimal | 6713510 |
| CIE _{Lab} | 48.47, 10.08, -30.19 |
| CIE _{LCh} | 48, 31.829, 288.461 |
| Yxy | 17.1663, 0.2462, 0.2327 |
| Android (android.graphics.Color) | 4284903590 (0xFF6670A6) |
| YUV | 115.1660, 25.0612, -11.5466 |
| Hunter-Lab | 41.4322, 5.7166, -25.9953 |

Details

The Decimal color **6713510** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10919014**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **10200285**, and **3359090** is the 20% darker color. If you saturate the color by 10%, you get **5595814**, and if you desaturate by 10%, it is **7831206**.

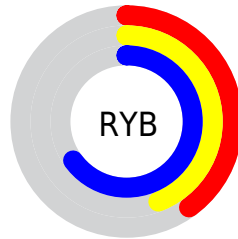
Distribution



Red (40%)

Green (44%)

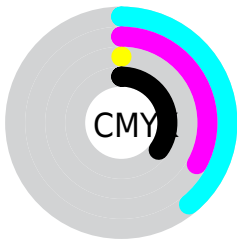
Blue (65%)



Red (40%)

Yellow (44%)

Blue (65%)

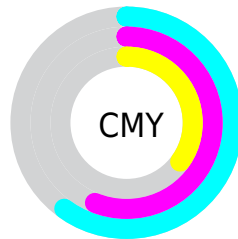


Cyan (39%)

Magenta (33%)

Yellow (0%)

Black (35%)



Cyan (60%)

Magenta (56%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6713510 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 6713510 by changing the saturation by 10% instead.

■ 6713510

■ 6713510

16777215

■ 5003403

■ 10200285

■ 3359090

■ 12042234

■ 1583961

■ 13884159

■ 5953

■ 15792127

■ 43

■ 277

■ 0

■ 6713510

■ 6713510

■ 5595814

■ 7831206

■ 4543654

■ 8883366

■ 3425958

■ 10001062

■ 2373798

■ 11053222

■ 1256102

■ 12170918

■ 138406

■ 13288614

■ 6822

■ 14340774

■ 15458470

■ 16510630

Harmonies

Analogous

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



3373479



6713510



9070231

Triad

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



6713510



10511692



3113319

Complementary

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



6713510



10919014

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.



5602638



6713510



9268798

Square

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



6713510



10968675



7632703



33155

Rectangle

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



6713510



10183047



7632703



4030558

Sweetspot

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



6713510



12567513



6727323



6185326



15592941



7237230

Same Dimension

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



6713510



7701977



8087206



5000532



6036



788

Inverse Universe

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



10905200



14251397



9545318



5524557



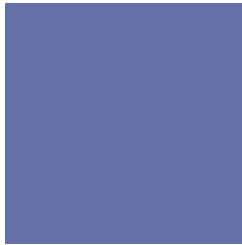
9699351



1310723

Previews

White Background



This preview shows how the Decimal color 6713510 looks on a white background.

Color Contrast Check

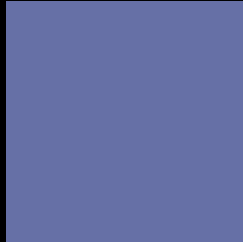
Large Text (above 18pt) WCAG AA ✓ Pass

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 6713510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

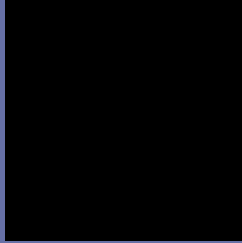
Any Text WCAG AA × Fail

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 6713510 Background



This preview shows how black text looks on a background with the Decimal color 6713510.



This preview shows how white text looks on a background with the Decimal color 6713510.

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
6713510

Protanopia
6386087

Deuteranopia
6255270



Tritanopia
6125441

Trichromacy



Original Color
6713510

Protanomaly
6517159

Deuteranomaly
6451622

Tritanomaly
6321294

Monochromacy



Original Color
6713510

Achromatopsia
7566195

Achromatomaly
7238278

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6713510 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 #6670A6 looks like.

```
.text, #text, p{  
    color:#6670A6  
}
```

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 #6670A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6670A6
}
```

Border

The CSS property to change the border of an element to Decimal 6713510 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".

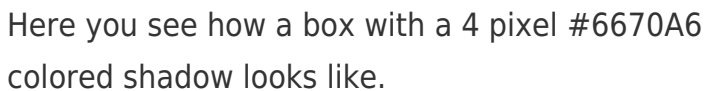
```
.border, #border, table{ border:4px solid
#6670A6 }
```

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

```
.border{ border-color:#6670A6 }
```

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

Here you see how a box with a 4 pixel #6670A6 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 #6670A6; -webkit-box-shadow:4px 4px  
4px 4px #6670A6; box-shadow:4px 4px 4px  
4px #6670A6 }
```

Background

The CSS property to change the background color of an element to Decimal 6713510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6670A6 }
```

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

```
.background{ background-color:#6670A6 }
```

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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