

Converting Colors

Decimal(6713512)

Have a look what the booklet for
Decimal(6713512) contains.

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Color

Decimal(6713512)

Conversions

Conversions Part 1

Format	Color
Hex	6670A8
RGB	102, 112, 168
RGB Percent	40%, 44%, 66%
CMY	0.6000, 0.5608, 0.3412
CMYK	0.39, 0.33, 0.00, 0.34
HSL	231°, 27%, 53%
HSV	231°, 39%, 66%
XYZ	18.3415, 17.2403, 39.4068
YIQ	115.3940, -23.9360, 15.2960

Conversions

Conversions Part 2

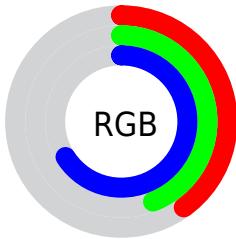
Format	Color
R_{YB}	102, 111, 168
Decimal	6713512
CIE _{Lab}	48.56, 10.65, -31.22
CIE _{LCh}	49, 32.984, 288.846
Yxy	17.2403, 0.2446, 0.2299
Android (android.graphics.Color)	4284903592 (0xFF6670A8)
YUV	115.3940, 25.9348, -11.7465
Hunter-Lab	41.5214, 6.1876, -27.2055

Details

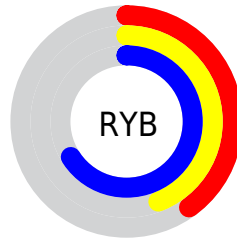
The Decimal color **6713512** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11050598**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **10200287**, and **3359092** is the 20% darker color. If you saturate the color by 10%, you get **5595816**, and if you desaturate by 10%, it is **7831208**.

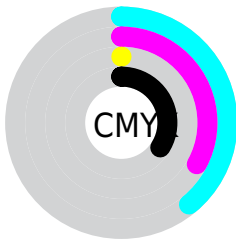
Distribution



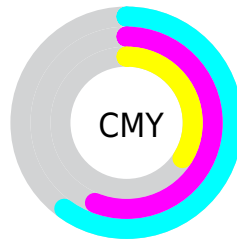
- Red (40%)
- Green (44%)
- Blue (66%)



- Red (40%)
- Yellow (44%)
- Blue (66%)



- Cyan (39%)
- Magenta (33%)
- Yellow (0%)
- Black (34%)



- Cyan (60%)
- Magenta (56%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6713512 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 6713512 by changing the saturation by 10% instead.



6713512



6713512

16777215



5003405



10200287



3359092



12042236



1518427



13884159



5955



15792127



45



279



0



6713512



6713512



5595816



7831208

■ 4477864

■ 8949160

■ 3425704

■ 10001320

■ 2308008

■ 11119016

■ 1190312

■ 12236712

■ 72360

■ 13354664

■ 6568

■ 14472360

■ 15524520

■ 16642216

Harmonies

Analogous

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



3176874



6713512



9201304

Triad

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



6713512



10576970



2785640

Complementary

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



6713512



11050598

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.



5471822



6713512



9334332

Square

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



6713512



11099747



7567165



33412

Rectangle

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



6713512



10313864



7567165



3833950

Sweetspot

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



6713512



12699099



6727837



6185326



15592941



7237230

Same Dimension

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



6713512



7636187



8152744



5000532



5780



788

Inverse Universe

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



11036272



14382212



9611366



5524557



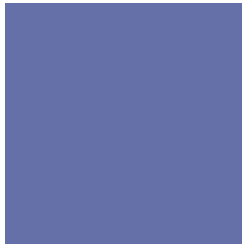
9699350



1310723

Previews

White Background



This preview shows how the Decimal color 6713512 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 6713512 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 6713512 Background



This preview shows how black text looks on a background with the Decimal color 6713512.

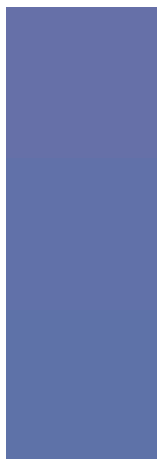


This preview shows how white text looks on a background with the Decimal color 6713512.

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
6713512

Protanopia
6386089

Deuteranopia
6189736



Tritanopia
6060161

Trichromacy



Original Color
6713512

Protanomaly
6517161

Deuteranomaly
6386088

Tritanomaly
6321551

Monochromacy



Original Color
6713512

Achromatopsia
7566195

Achromatomaly
7238278

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6713512 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 #6670A8 looks like.

```
.text, #text, p{  
    color:#6670A8  
}
```

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 #6670A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6670A8
}
```

Border

The CSS property to change the border of an element to Decimal 6713512 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
#6670A8 }
```

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

```
.border{ border-color:#6670A8 }
```

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

Here you see how a box with a 4 pixel #6670A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6670A8; -webkit-box-shadow:4px 4px  
4px 4px #6670A8; box-shadow:4px 4px 4px  
4px #6670A8 }
```

Background

The CSS property to change the background color of an element to Decimal 6713512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6670A8 }
```

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

```
.background{ background-color:#6670A8 }
```

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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