

Converting Colors

Decimal(6512034)

Have a look what the booklet for
Decimal(6512034) contains.

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Color

Decimal(6512034)

Conversions

Conversions Part 1

Format	Color
Hex	635DA2
RGB	99, 93, 162
RGB Percent	39%, 36%, 64%
CMY	0.6118, 0.6353, 0.3647
CMYK	0.39, 0.43, 0.00, 0.36
HSL	245°, 27%, 50%
HSV	245°, 43%, 64%
XYZ	15.5815, 13.0900, 35.8878
YIQ	102.6600, -18.5730, 22.7310

Conversions

Conversions Part 2

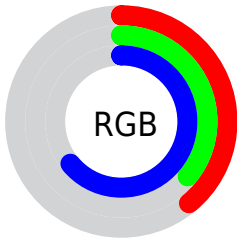
Format	Color
R_{YB}	99, 93, 162
Decimal	6512034
CIE _{Lab}	42.90, 19.78, -36.60
CIE _{LCh}	43, 41.604, 298.381
Yxy	13.0900, 0.2414, 0.2028
Android (android.graphics.Color)	4284702114 (0xFF635DA2)
YUV	102.6600, 29.2546, -3.2098
Hunter-Lab	36.1801, 13.5587, -33.4850

Details

The Decimal color **6512034** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10265181**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **9998297**, and **3092334** is the 20% darker color. If you saturate the color by 10%, you get **5524898**, and if you desaturate by 10%, it is **7499170**.

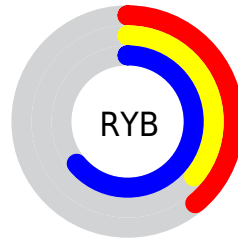
Distribution



Red (39%)

Green (36%)

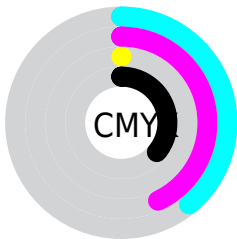
Blue (64%)



Red (39%)

Yellow (36%)

Blue (64%)

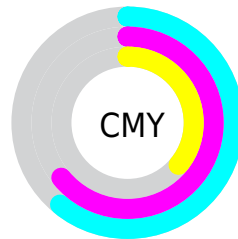


Cyan (39%)

Magenta (43%)

Yellow (0%)

Black (36%)



Cyan (61%)

Magenta (64%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6512034 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 6512034 by changing the saturation by 10% instead.



6512034



6512034

16777215



4801927



9998297



3092334



11840246



1251925



13682175



318



15589887



807

16776959



272



0



6512034



6512034



5524898



7499170

■ 4537762

■ 8486306

■ 3615906

■ 9408162

■ 2628770

■ 10395298

■ 1641634

■ 11382434

■ 917666

■ 12369570

■ 13356706

■ 14278562

■ 15265698

Harmonies

Analogous

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



27306



6512034



9260938

Triad

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



6512034



9721387



30306

Complementary

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



6512034



10265181

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.



2650944



6512034



8020764

Square

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



6512034



10701383



5729573



30341

Rectangle

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



6512034



10307700



5729573



30038

Sweetspot

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



6512034



12302548



6134946



5986923



15461355



7039851

Same Dimension

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



6512034



7432404



8740258



4868434



852113



131090

Inverse Universe

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



10640796



13920458



8036957



5392721



9502853



1179664

Previews

White Background



This preview shows how the Decimal color 6512034 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 6512034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

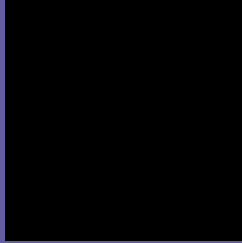
Any Text WCAG AA × Fail

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 6512034 Background



This preview shows how black text looks on a background with the Decimal color 6512034.

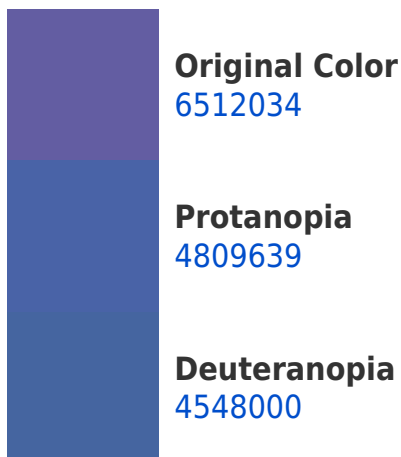


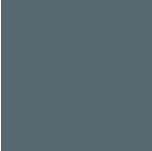
This preview shows how white text looks on a background with the Decimal color 6512034.

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](#).

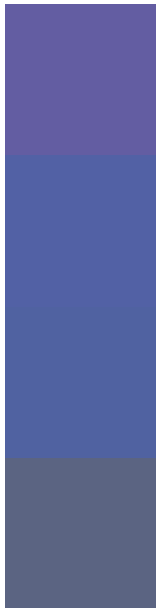
Dichromacy





Tritanopia
5728368

Trichromacy



Original Color
6512034

Protanomaly
5398949

Deuteranomaly
5268129

Tritanomaly
5989506

Monochromacy



Original Color
6512034

Achromatopsia
6776679

Achromatomaly
6710140

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6512034 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 #635DA2 looks like.

```
.text, #text, p{  
  color:#635DA2  
}
```

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 #635DA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635DA2
}
```

Border

The CSS property to change the border of an element to Decimal 6512034 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
#635DA2 }
```

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

```
.border{ border-color:#635DA2 }
```

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

Here you see how a box with a 4 pixel #635DA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635DA2; -webkit-box-shadow:4px 4px  
4px 4px #635DA2; box-shadow:4px 4px 4px  
4px #635DA2 }
```

Background

The CSS property to change the background color of an element to Decimal 6512034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635DA2 }
```

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

```
.background{ background-color:#635DA2 }
```

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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