

Converting Colors

Decimal(6765452)

Have a look what the booklet for
Decimal(6765452) contains.

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Color

Decimal(6765452)

Conversions

Conversions Part 1

Format	Color
Hex	673B8C
RGB	103, 59, 140
RGB Percent	40%, 23%, 55%
CMY	0.5961, 0.7686, 0.4510
CMYK	0.26, 0.58, 0.00, 0.45
HSL	273°, 41%, 39%
HSV	273°, 58%, 55%
XYZ	11.8911, 7.9049, 25.7100
YIQ	81.3900, 0.2230, 34.5190

Conversions

Conversions Part 2

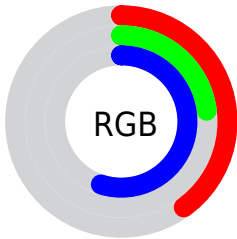
Format	Color
R_{YB}	103, 59, 140
Decimal	6765452
CIE _{Lab}	33.78, 35.48, -37.78
CIE _{LCh}	34, 51.833, 313.204
Y _{xy}	7.9049, 0.2613, 0.1737
Android (android.graphics.Color)	4284955532 (0xFF673B8C)
Y _{UV}	81.3900, 28.8947, 18.9520
Hunter-Lab	28.1157, 26.2912, -34.5359

Details

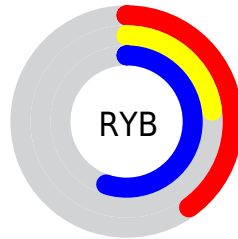
The Decimal color **6765452** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6327355**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **10251458**, and **3410777** is the 20% darker color. If you saturate the color by 10%, you get **6368652**, and if you desaturate by 10%, it is **7162252**.

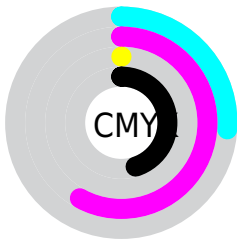
Distribution



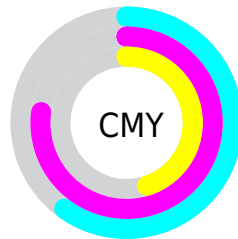
- Red (40%)
- Green (23%)
- Blue (55%)



- Red (40%)
- Yellow (23%)
- Blue (55%)



- Cyan (26%)
- Magenta (58%)
- Yellow (0%)
- Black (45%)



- Cyan (60%)
- Magenta (77%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6765452 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 6765452 by changing the saturation by 10% instead.



6765452



6765452

16777215



5055346



10251458



3410777



12093150



1835073



13935099



42



15842559



277



16767231



0



16774655



6765452



6765452



6368652



7162252

■ 5906316

■ 7624588

■ 5509516

■ 8021388

■ 5047180

■ 8483724

■ 4980876

■ 8880524

■ 9277324

■ 9739660

■ 10136460

■ 10598796

Harmonies

Analogous

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



20128



6765452



9184616

Triad

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



6765452



7619840



25185

Complementary

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



6765452



6327355

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.



24630



6765452



5264128

Square

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



6765452



9253144



1924103



24711

Rectangle

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



6765452



9837901



1924103



24915

Sweetspot

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



6765452



10983093



3891596



5458268



14408667



6052956

Same Dimension

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



6765452



8140981



9190281



4341317



4718725



196613

Inverse Universe

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



9190240



11876465



3902526



4537921



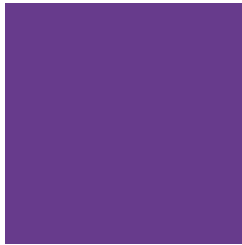
8716349



327682

Previews

White Background



This preview shows how the Decimal color 6765452 looks on a white background.

Color Contrast Check

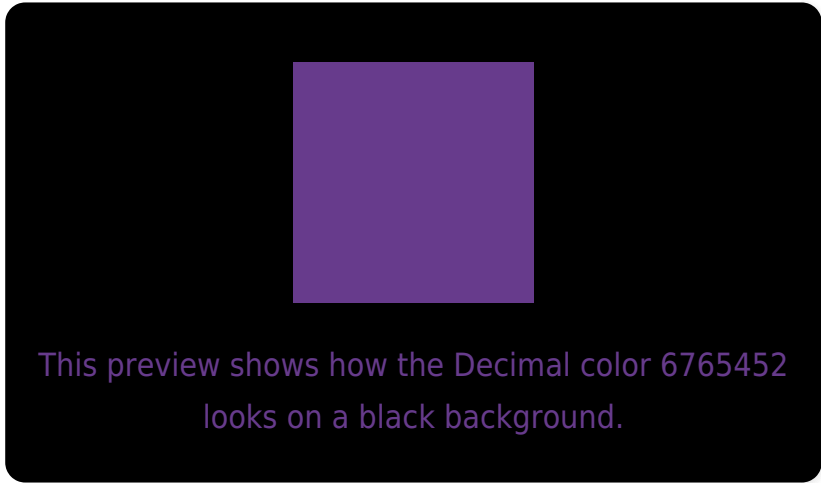
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

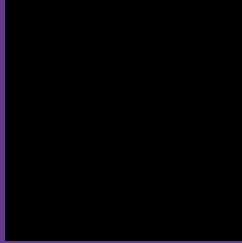
Any Text WCAG AA × Fail

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 6765452 Background



This preview shows how black text looks on a background with the Decimal color 6765452.

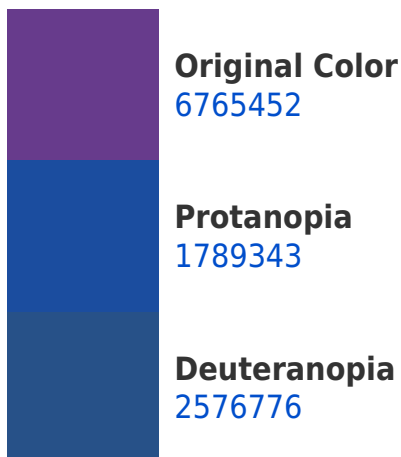


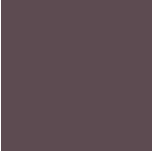
This preview shows how white text looks on a background with the Decimal color 6765452.

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
6114129

Trichromacy



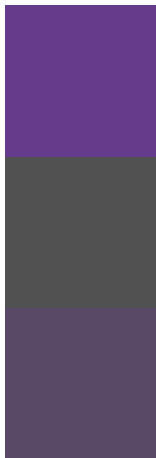
Original Color
6765452

Protanomaly
3622552

Deuteranomaly
4082057

Tritanomaly
6374758

Monochromacy



Original Color
6765452

Achromatopsia
5329233

Achromatomaly
5851494

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6765452 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 #673B8C looks like.

```
.text, #text, p{  
    color:#673B8C  
}
```

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 #673B8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #673B8C
}
```

Border

The CSS property to change the border of an element to Decimal 6765452 is called "border". The border property can be set on classes, ids or directly on the HTML element.

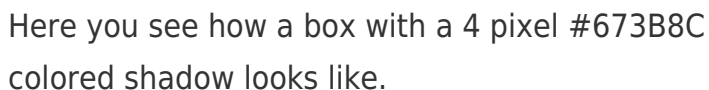
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#673B8C }
```

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

```
.border{ border-color:#673B8C }
```

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



Here you see how a box with a 4 pixel #673B8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #673B8C; -webkit-box-shadow:4px 4px  
4px 4px #673B8C; box-shadow:4px 4px 4px  
4px #673B8C }
```

Background

The CSS property to change the background color of an element to Decimal 6765452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#673B8C }
```

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

```
.background{ background-color:#673B8C }
```

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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