

Converting Colors

Decimal(6566796)

Have a look what the booklet for
Decimal(6566796) contains.

Decimal(6566796)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6566796)

Conversions

Conversions Part 1

Format	Color
Hex	64338C
RGB	100, 51, 140
RGB Percent	39%, 20%, 55%
CMY	0.6078, 0.8000, 0.4510
CMYK	0.29, 0.64, 0.00, 0.45
HSL	273°, 47%, 37%
HSV	273°, 64%, 55%
XYZ	11.1730, 6.9704, 25.5675
YIQ	75.7970, 0.6350, 38.0670

Conversions

Conversions Part 2

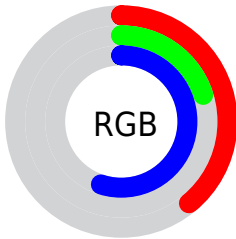
Format	Color
R_{YB}	100, 51, 140
Decimal	6566796
CIE _{Lab}	31.74, 39.16, -41.08
CIE _{LCh}	32, 56.753, 313.630
Yxy	6.9704, 0.2556, 0.1595
Android (android.graphics.Color)	4284756876 (0xFF64338C)
YUV	75.7970, 31.6521, 21.2260
Hunter-Lab	26.4016, 29.3374, -38.9358

Details

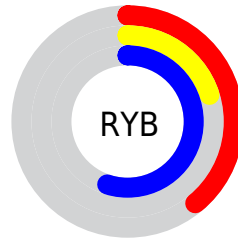
The Decimal color **6566796** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5999667**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **10118338**, and **3146073** is the 20% darker color. If you saturate the color by 10%, you get **6169996**, and if you desaturate by 10%, it is **6963596**.

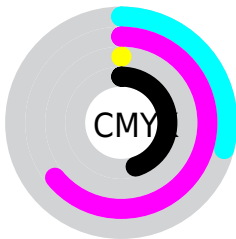
Distribution



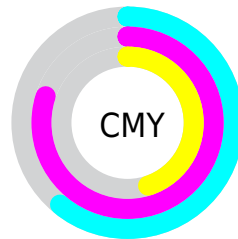
- Red (39%)
- Green (20%)
- Blue (55%)



- Red (39%)
- Yellow (20%)
- Blue (55%)



- Cyan (29%)
- Magenta (64%)
- Yellow (0%)
- Black (45%)



- Cyan (61%)
- Magenta (80%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6566796 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 6566796 by changing the saturation by 10% instead.

6566796

6566796

16777215

4856690

10118338

3146073

11894494

1704001

13801979

42

15709439

276

16765183

0

16772351

6566796

6566796

6169996

6963596

■ 5707660

■ 7425932

■ 5310860

■ 7822732

■ 5046412

■ 8219532

■ 8616332

■ 9078668

■ 9475468

■ 9872268

■ 10334604

Harmonies

Analogous

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



19107



6566796



9180005

Triad

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



6566796



7356160



23903

Complementary

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



6566796



5999667

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.



23600



6566796



4869888

Square

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



6566796



9119500



481280



23688

Rectangle

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



6566796



9830727



481280



23887

Sweetspot

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



6566796



10916789



3365772



5392220



14408667



6052956

Same Dimension

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



6566796



7809973



9188232



4341317



4784261



196613

Inverse Universe

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



9188187



11873129



3378231



4537921



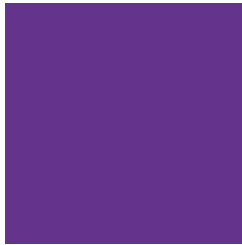
8716348



327682

Previews

White Background



This preview shows how the Decimal color 6566796 looks on a white background.

Color Contrast Check

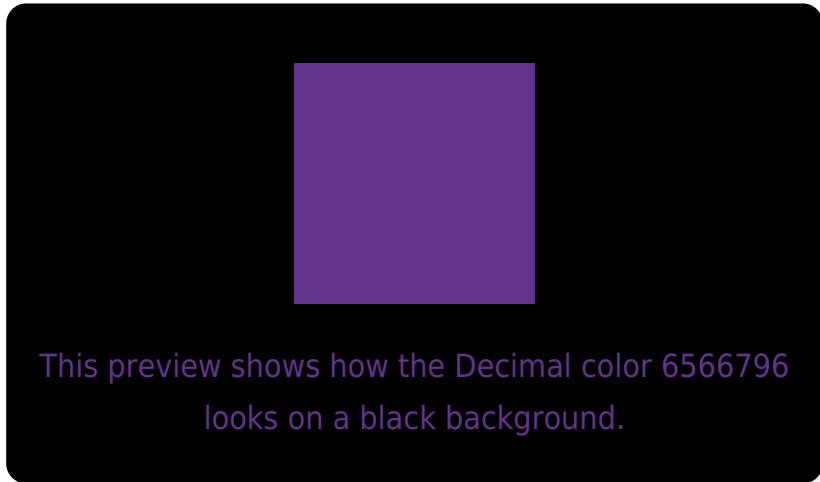
Large Text (above 18pt) WCAG AA ✓ Pass

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

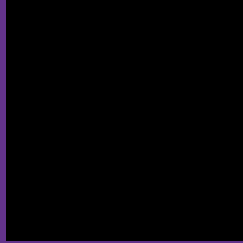
Any Text WCAG AA × Fail

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 6566796 Background



This preview shows how black text looks on a background with the Decimal color 6566796.



This preview shows how white text looks on a background with the Decimal color 6566796.

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
6566796

Protanopia
18586

Deuteranopia
937095



Tritanopia
5850700

Trichromacy



Original Color

6566796



Protanomaly

2375829



Deuteranomaly

2966409



Tritanomaly

6111075

Monochromacy



Original Color

6566796



Achromatopsia

5000268



Achromatomaly

5587811

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6566796 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 #64338C looks like.

```
.text, #text, p{  
    color:#64338C  
}
```

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 #64338C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64338C
}
```

Border

The CSS property to change the border of an element to Decimal 6566796 is called "border". The border property can be set on classes, ids or directly on the HTML element.

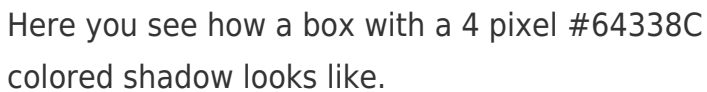
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64338C }
```

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

```
.border{ border-color:#64338C }
```

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



Here you see how a box with a 4 pixel #64338C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64338C; -webkit-box-shadow:4px 4px  
4px 4px #64338C; box-shadow:4px 4px 4px  
4px #64338C }
```

Background

The CSS property to change the background color of an element to Decimal 6566796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64338C }
```

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

```
.background{ background-color:#64338C }
```

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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