

Converting Colors

Decimal(6245006)

Have a look what the booklet for
Decimal(6245006) contains.

Decimal(6245006)	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(6245006)

Conversions

Conversions Part 1

Format	Color
Hex	5F4A8E
RGB	95, 74, 142
RGB Percent	37%, 29%, 56%
CMY	0.6275, 0.7098, 0.4431
CMYK	0.33, 0.48, 0.00, 0.44
HSL	259°, 31%, 42%
HSV	259°, 48%, 56%
XYZ	12.0506, 9.2834, 26.7479
YIQ	88.0310, -9.3120, 25.6000

Conversions

Conversions Part 2

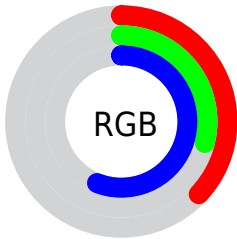
Format	Color
RYB	95, 74, 142
Decimal	6245006
CIELab	36.52, 24.79, -34.70
CIELCh	37, 42.643, 305.539
Yxy	9.2834, 0.2506, 0.1931
Android (android.graphics.Color)	4284435086 (0xFF5F4A8E)
YUV	88.0310, 26.6067, 6.1118
Hunter-Lab	30.4688, 17.2775, -30.7214

Details

The Decimal color **6245006** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7966282**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **9731012**, and **2956635** is the 20% darker color. If you saturate the color by 10%, you get **5586062**, and if you desaturate by 10%, it is **6903950**.

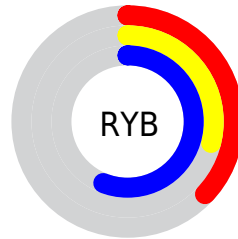
Distribution



Red (37%)

Green (29%)

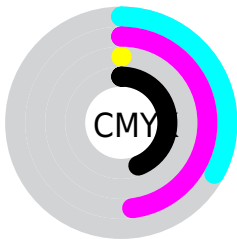
Blue (56%)



Red (37%)

Yellow (29%)

Blue (56%)

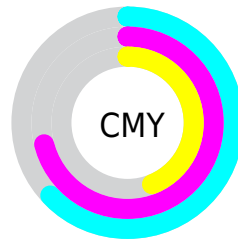


Cyan (33%)

Magenta (48%)

Yellow (0%)

Black (44%)



Cyan (63%)

Magenta (71%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6245006 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 6245006 by changing the saturation by 10% instead.

■ 6245006

■ 6245006

16777215

■ 4600692

■ 9731012

■ 2956635

■ 11507168

■ 1247299

■ 13349117

■ 45

■ 15191039

■ 279

■ 16771327

■ 0

■ 6245006

■ 6245006

■ 5586062

■ 6903950

■ 4927118

■ 7562894

■ 4333454

■ 8156558

■ 3674510

■ 8815502

■ 3015566

■ 9474446

■ 2883726

■ 10133390

■ 10792334

■ 11451534

■ 12044942

Harmonies

Analogous

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



22682



6245006



8665971

Triad

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



6245006



8210964



26203

Complementary

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



6245006



7966282

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.



25656



6245006



6379014

Square

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



6245006



9387056



4022041



25981

Rectangle

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



6245006



9450845



4022041



26192

Sweetspot

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



6245006



10919608



4881038



5327964



14408667



6052956

Same Dimension

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



6245006



7294904



8407694



4341831



2752647



131080

Inverse Universe

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



9325177



12078999



5803594



4669509



8847453



524293

Previews

White Background



This preview shows how the Decimal color 6245006 looks on a white background.

Color Contrast Check

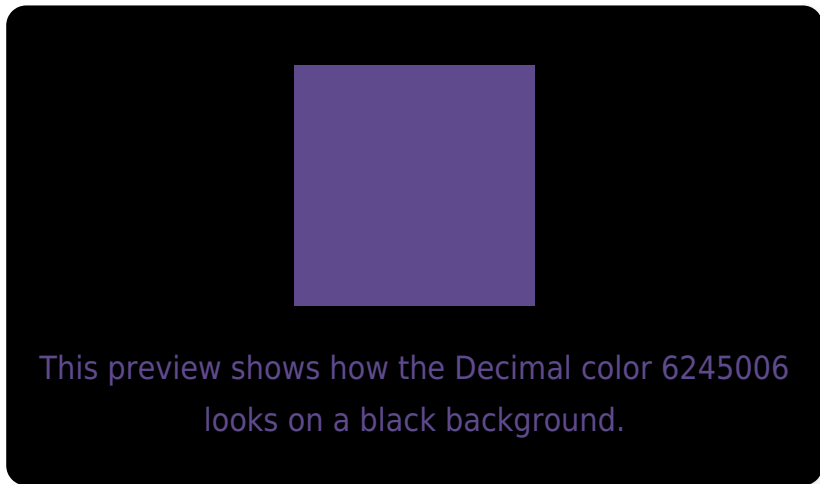
Large Text (above 18pt) WCAG AA ✓ Pass

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

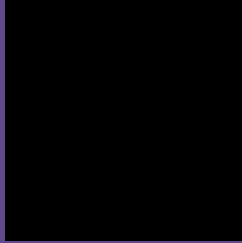
Any Text WCAG AA × Fail

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 6245006 Background



This preview shows how black text looks on a background with the Decimal color 6245006.

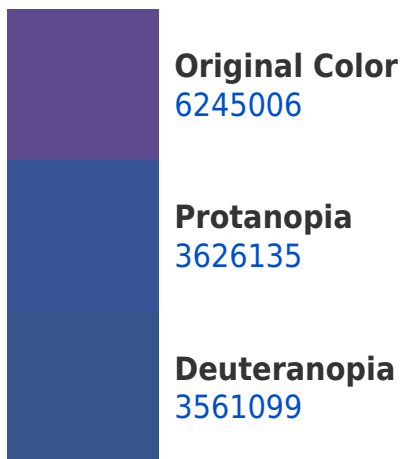



This preview shows how white text looks on a background with the Decimal color 6245006.

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
5592668

Trichromacy



Original Color
6245006

Protanomaly
4608148

Deuteranomaly
4543116

Tritanomaly
5853806

Monochromacy



Original Color
6245006

Achromatopsia
5789784

Achromatomaly
5985132

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6245006 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 #5F4A8E looks like.

```
.text, #text, p{  
    color:#5F4A8E  
}
```

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 #5F4A8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4A8E
}
```

Border

The CSS property to change the border of an element to Decimal 6245006 is called "border". The border property can be set on classes, ids or directly on the HTML element.

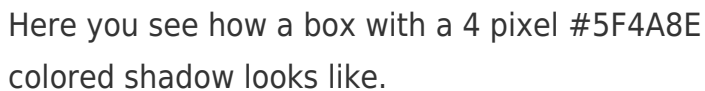
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F4A8E }
```

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

```
.border{ border-color:#5F4A8E }
```

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



Here you see how a box with a 4 pixel #5F4A8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4A8E; -webkit-box-shadow:4px 4px  
4px 4px #5F4A8E; box-shadow:4px 4px 4px  
4px #5F4A8E }
```

Background

The CSS property to change the background color of an element to Decimal 6245006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4A8E }
```

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

```
.background{ background-color:#5F4A8E }
```

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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