

Converting Colors

Decimal(6246542)

Have a look what the booklet for
Decimal(6246542) contains.

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Color

Decimal(6246542)

Conversions

Conversions Part 1

Format	Color
Hex	5F508E
RGB	95, 80, 142
RGB Percent	37%, 31%, 56%
CMY	0.6275, 0.6863, 0.4431
CMYK	0.33, 0.44, 0.00, 0.44
HSL	255°, 28%, 44%
HSV	255°, 44%, 56%
XYZ	12.4705, 10.1232, 26.8879
YIQ	91.5530, -10.9620, 22.4620

Conversions

Conversions Part 2

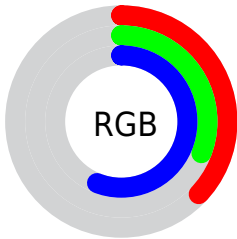
Format	Color
R _Y B	95, 80, 142
Decimal	6246542
CIE Lab	38.06, 21.04, -32.26
CIE LCh	38, 38.519, 303.109
Yxy	10.1232, 0.2520, 0.2046
Android (android.graphics.Color)	4284436622 (0xFF5F508E)
YUV	91.5530, 24.8704, 3.0230
Hunter-Lab	31.8170, 14.2822, -27.8329

Details

The Decimal color **6246542** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8359504**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **9667012**, and **2958171** is the 20% darker color. If you saturate the color by 10%, you get **5522062**, and if you desaturate by 10%, it is **6971022**.

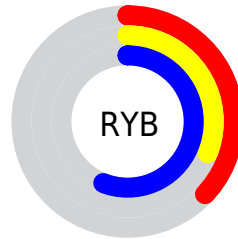
Distribution



Red (37%)

Green (31%)

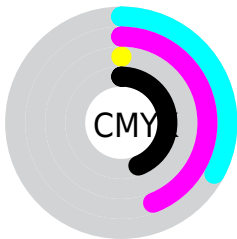
Blue (56%)



Red (37%)

Yellow (31%)

Blue (56%)

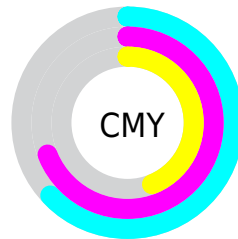


Cyan (33%)

Magenta (44%)

Yellow (0%)

Black (44%)



Cyan (63%)

Magenta (69%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6246542 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 6246542 by changing the saturation by 10% instead.



6246542



6246542

16777215



4602228



9667012



2958171



11443424



1314627



13285117



45



15192831



279



16772863



0



6246542



6246542



5522062



6971022



4797582



7695502

4138382

8354702

3413902

9079182

2689422

9803662

2228366

10528142

11187086

11911822

12636302

Harmonies

Analogous

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



1662104



6246542



8536950

Triad

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



6246542



8408609



26972

Complementary

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



6246542



8359504

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.



1468220



6246542



6773014

Square

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



6246542



9454137



4678178



26747

Rectangle

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



6246542



9387618



4678178



26705

Sweetspot

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



6246542



10920120



5275790



5328220



14408667



6052956

Same Dimension

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



6246542



7297208



8212622



4341831



2162823



131080

Inverse Universe

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



9326719



12081313



6393424



4669510



8847462



524294

Previews

White Background



This preview shows how the Decimal color 6246542 looks on a white background.

Color Contrast Check

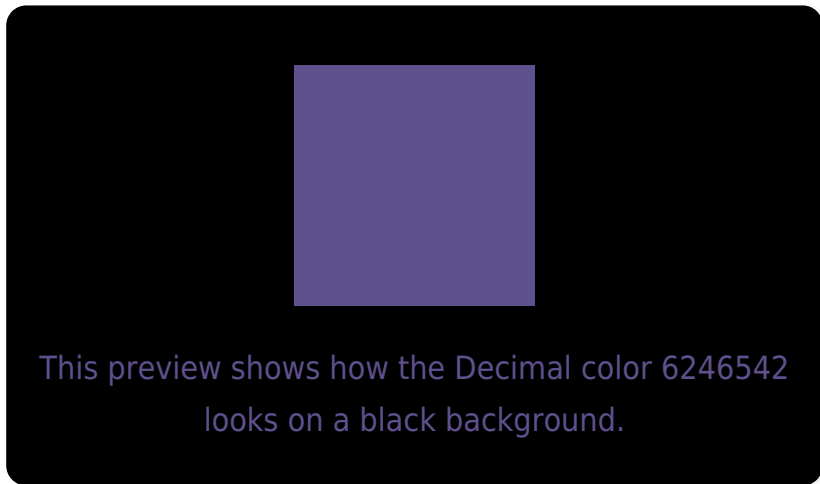
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 6246542 Background



This preview shows how black text looks on a background with the Decimal color 6246542.

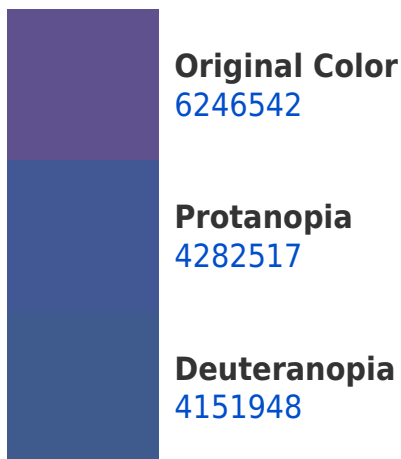



This preview shows how white text looks on a background with the Decimal color 6246542.

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
5659233

Trichromacy



Original Color
6246542

Protanomaly
5002642

Deuteranomaly
4937357

Tritanomaly
5854833

Monochromacy



Original Color
6246542

Achromatopsia
6052956

Achromatomaly
6117486

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6246542 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 #5F508E looks like.

```
.text, #text, p{  
    color:#5F508E  
}
```

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 #5F508E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F508E
}
```

Border

The CSS property to change the border of an element to Decimal 6246542 is called "border". The border property can be set on classes, ids or directly on the HTML element.

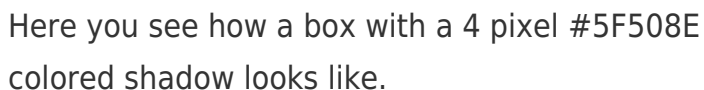
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F508E }
```

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

```
.border{ border-color:#5F508E }
```

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



Here you see how a box with a 4 pixel #5F508E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F508E; -webkit-box-shadow:4px 4px  
4px 4px #5F508E; box-shadow:4px 4px 4px  
4px #5F508E }
```

Background

The CSS property to change the background color of an element to Decimal 6246542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F508E }
```

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

```
.background{ background-color:#5F508E }
```

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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