

Converting Colors

Decimal(5728656)

Have a look what the booklet for
Decimal(5728656) contains.

Decimal(5728656)	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(5728656)

Conversions

Conversions Part 1

Format	Color
Hex	576990
RGB	87, 105, 144
RGB Percent	34%, 41%, 56%
CMY	0.6588, 0.5882, 0.4353
CMYK	0.40, 0.27, 0.00, 0.44
HSL	221°, 25%, 45%
HSV	221°, 40%, 56%
XYZ	14.0161, 14.1430, 28.3767
YIQ	104.0640, -23.2470, 8.3130

Conversions

Conversions Part 2

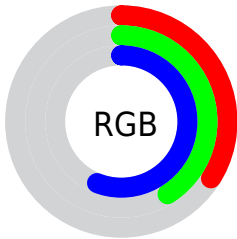
Format	Color
R_{YB}	87, 101, 144
Decimal	5728656
CIE _{Lab}	44.44, 3.65, -23.55
CIE _{LCh}	44, 23.830, 278.820
Yxy	14.1430, 0.2479, 0.2502
Android (android.graphics.Color)	4283918736 (0xFF576990)
YUV	104.0640, 19.6884, -14.9651
Hunter-Lab	37.6072, 0.7139, -18.4126

Details

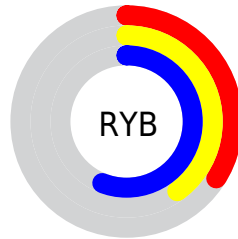
The Decimal color **5728656** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9469527**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **9149638**, and **2439773** is the 20% darker color. If you saturate the color by 10%, you get **4808592**, and if you desaturate by 10%, it is **6648720**.

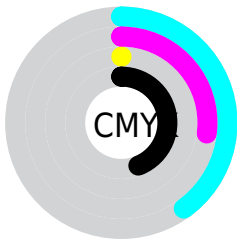
Distribution



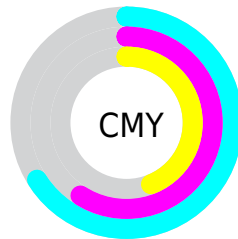
- Red (34%)
- Green (41%)
- Blue (56%)



- Red (34%)
- Yellow (40%)
- Blue (56%)



- Cyan (40%)
- Magenta (27%)
- Yellow (0%)
- Black (44%)



- Cyan (66%)
- Magenta (59%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5728656 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 5728656 by changing the saturation by 10% instead.

■ 5728656

■ 5728656

16777215

■ 4084086

■ 9149638

■ 2439773

■ 10926050

■ 599366

■ 12702463

■ 3887

■ 14610431

■ 282

■ 16515071

■ 0

■ 5728656

■ 5728656

■ 4808592

■ 6648720

■ 3822992

■ 7634320

■ 2902928

■ 8554384

■ 1917584

■ 9539728

■ 997520

■ 10459792

■ 77456

■ 11379856

■ 11664

■ 12365456

■ 13285520

■ 14271120

Harmonies

Analogous

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



3698574



5728656



7561864

Triad

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



5728656



9330001



4420442

Complementary

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



5728656



9469527

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.



5992266



5728656



8610629

Square

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



5728656



9460324



7432770



2913390

Rectangle

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



5728656



8478334



7432770



4944468

Sweetspot

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



5728656



10791866



5738622



5330270



14606046



6184542

Same Dimension

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



5728656



6389178



6379408



4211527



11143



520

Inverse Universe

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



9459561



12214653



8818775



4669507



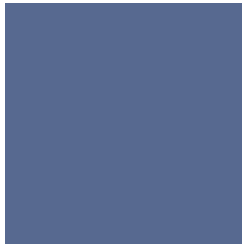
8847403



524290

Previews

White Background



This preview shows how the Decimal color 5728656 looks on a white background.

Color Contrast Check

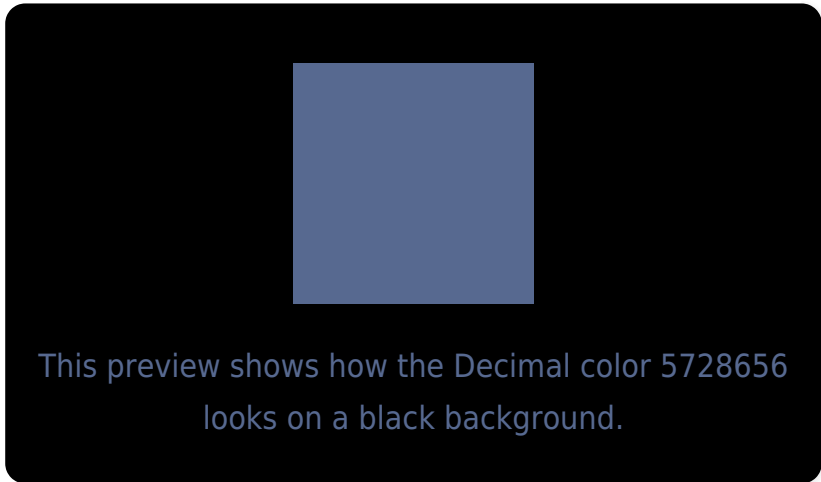
Large Text (above 18pt) WCAG AA ✓ Pass

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

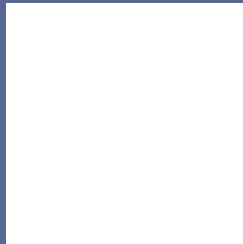
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 5728656 Background



This preview shows how black text looks on a background with the Decimal color 5728656.



This preview shows how white text looks on a background with the Decimal color 5728656.

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

5728656

Protanopia

6121359

Deuteranopia

6056080

Trichromacy



Original Color

5728656

Protanomaly

5990543

Deuteranomaly

5925008

Tritanomaly

5467264

Monochromacy



Original Color

5728656

Achromatopsia

6842472

Achromatomaly

6449271

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5728656 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 #576990 looks like.

```
.text, #text, p{  
    color:#576990  
}
```

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 #576990 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576990
}
```

Border

The CSS property to change the border of an element to Decimal 5728656 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
#576990 }
```

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

```
.border{ border-color:#576990 }
```

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

Here you see how a box with a 4 pixel #576990 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576990; -webkit-box-shadow:4px 4px  
4px 4px #576990; box-shadow:4px 4px 4px  
4px #576990 }
```

Background

The CSS property to change the background color of an element to Decimal 5728656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576990 }
```

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

```
.background{ background-color:#576990 }
```

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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