

Converting Colors

Hex(562366)

Have a look what the booklet for
Hex(562366) contains.

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Color

Hex(562366)

Conversions

Conversions Part 1

Format	Color
Hex	562366
RGB	86, 35, 102
RGB Percent	34%, 14%, 40%
CMY	0.6627, 0.8627, 0.6000
CMYK	0.16, 0.66, 0.00, 0.60
HSL	286°, 49%, 27%
HSV	286°, 66%, 40%
XYZ	6.8371, 4.1398, 13.0091
YIQ	57.8870, 8.8890, 31.6490

Conversions

Conversions Part 2

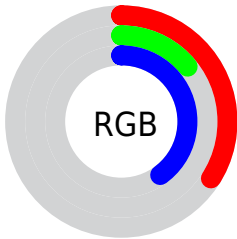
Format	Color
R_{YB}	86, 35, 102
Decimal	5645158
CIE Lab	24.13, 34.98, -29.32
CIE LCh	24, 45.640, 320.030
Yxy	4.1398, 0.2850, 0.1726
Android (android.graphics.Color)	4283835238 (0xFF562366)
YUV	57.8870, 21.7477, 24.6551
Hunter-Lab	20.3465, 24.3751, -23.6661

Details

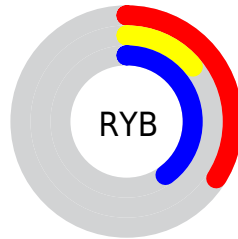
The Hex color **562366** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **336623**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **8A5399**, and **260037** is the 20% darker color. If you saturate the color by 10%, you get **541966**, and if you desaturate by 10%, it is **582D66**.

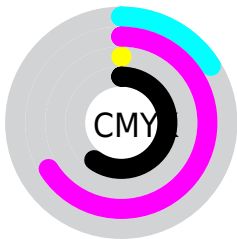
Distribution



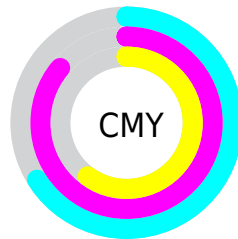
- Red (34%)
- Green (14%)
- Blue (40%)



- Red (34%)
- Yellow (14%)
- Blue (40%)



- Cyan (16%)
- Magenta (66%)
- Yellow (0%)
- Black (60%)



- Cyan (66%)
- Magenta (86%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 562366 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 Hex color 562366 by changing the saturation by 10% instead.

■ 562366

■ 562366

FFFFFF

■ 3D0A4E

■ 8A5399

■ 260037

■ A56CB4

■ 020021

■ C186D0

■ 000005

■ DDA1ED

■ 000000

■ FABCFF

■ FFD8FF

■ FFF5FF

■ 562366

■ 562366

■ 541966

■ 582D66

■ 510F66

■ 5B3766

■ 4F0466

■ 5D4266

■ 4E0066

■ 604C66

■ 625666

■ 656066

■ 676A66

■ 697566

■ 6C7F66

Harmonies

Analogous

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



12357B



562366



6F0D46

Triad

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



562366



513400



004850

Complementary

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



562366



336623

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.



00472C



562366



323F00

Square

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



562366



682300



004406



00476E

Rectangle

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



562366



74092F



004406



004844

Sweetspot

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



562366



7E6A85



233466



3F3242



C2C2C2



424242

Same Dimension

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



562366



6C1C85



662355



322E33



570073



B800F2

Inverse Universe

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



662333



851C35



236634



332E2F



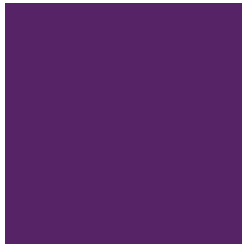
73001B



F2003A

Previews

White Background



This preview shows how the Hex color 562366 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

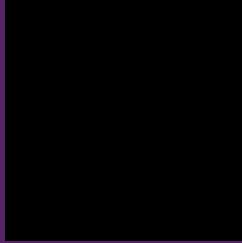
Any Text WCAG AA × Fail

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](#).

Hex 562366 Background



This preview shows how black text looks on a background with the Hex color 562366.



This preview shows how white text looks on a background with the Hex color 562366.

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
4F3236

Trichromacy



Original Color
562366

Protanomaly
1F3071

Deuteranomaly
333263

Tritanomaly
522D47

Monochromacy



Original Color
562366

Achromatopsia
3A3A3A

Achromatomaly
44324A

CSS Examples

Text

The CSS property to change the color of the text to Hex 562366 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 #562366 looks like.

```
.text, #text, p{  
    color:#562366  
}
```

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 #562366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #562366
}
```

Border

The CSS property to change the border of an element to Hex 562366 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
#562366 }
```

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

```
.border{ border-color:#562366 }
```

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

Here you see how a box with a 4 pixel #562366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #562366; -webkit-box-shadow:4px 4px  
4px 4px #562366; box-shadow:4px 4px 4px  
4px #562366 }
```

Background

The CSS property to change the background color of an element to Hex 562366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#562366 }
```

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

```
.background{ background-color:#562366 }
```

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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