

Converting Colors

Hex(556402)

Have a look what the booklet for
Hex(556402) contains.

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Color

Hex(556402)

Conversions

Conversions Part 1

Format	Color
Hex	556402
RGB	85, 100, 2
RGB Percent	33%, 39%, 1%
CMY	0.6667, 0.6078, 0.9922
CMYK	0.15, 0.00, 0.98, 0.61
HSL	69°, 96%, 20%
HSV	69°, 98%, 39%
XYZ	8.3144, 11.0500, 1.7521
YIQ	84.3430, 22.5180, -33.6580

Conversions

Conversions Part 2

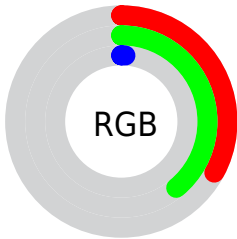
Format	Color
R_{YB}	2, 100, 17
Decimal	5596162
CIE _{Lab}	39.66, -17.98, 45.48
CIE _{LCh}	40, 48.905, 111.567
Yxy	11.0500, 0.3937, 0.5233
Android (android.graphics.Color)	4283786242 (0xFF556402)
YUV	84.3430, -40.5951, 0.5762
Hunter-Lab	33.2416, -13.5260, 20.1441

Details

The Hex color **556402** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **110264**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **8A973B**, and **233500** is the 20% darker color. If you saturate the color by 10%, you get **556400**, and if you desaturate by 10%, it is **57640C**.

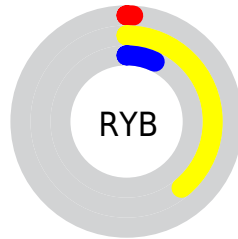
Distribution



Red (33%)

Green (39%)

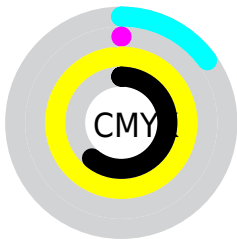
Blue (1%)



Red (1%)

Yellow (39%)

Blue (7%)

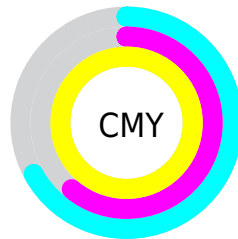


Cyan (15%)

Magenta (0%)

Yellow (98%)

Black (61%)



Cyan (67%)

Magenta (61%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 556402 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 556402 by changing the saturation by 10% instead.

 556402

 556402

 FFFFF9

 3C4C00

 8A973B

 233500

 A5B155

 072000

 C1CD6E

 000000

 DEE989

 FBFFA4

 FFFFBF

 FFFFDC

 556402

 556402

■ 556400

■ 57640C

■ 586416

■ 5A6420

■ 5B642A

■ 5D6434

■ 5E643E

■ 606448

■ 616452

■ 63645C

Harmonies

Analogous

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



7A5800



556402



1E6B28

Triad

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



556402



006D9B



9F366A

Complementary

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



556402



110264

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.



824590



556402



0065AD

Square

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



556402



00707A



4658A8



A43743

Rectangle

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



556402



006E43



4658A8



983A78

Sweetspot

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



556402



7C825C



641102



3F422B



C2C2C2



424242

Same Dimension

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



556402



6E8200



246402



32332E



617300



CDF200

Inverse Universe

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



110264



140082



420264



2F2E33



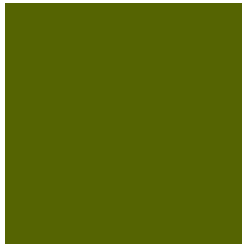
120073



2500F2

Previews

White Background



This preview shows how the Hex color 556402 looks on a white background.

Color Contrast Check

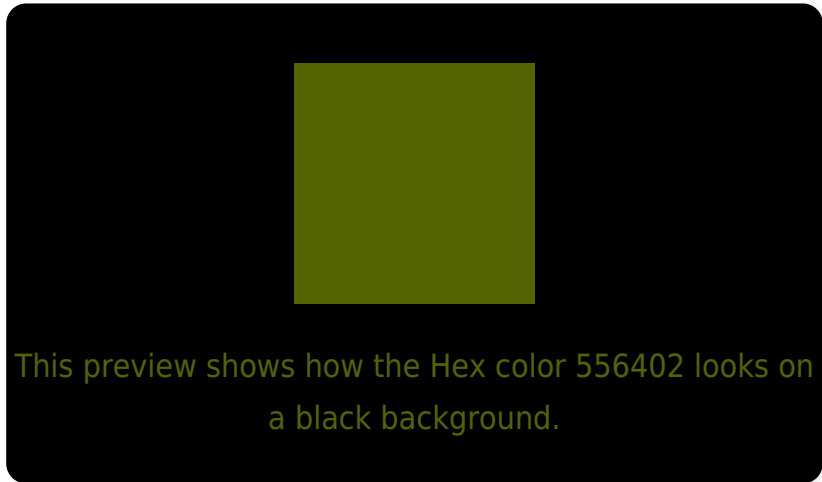
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

Hex 556402 Background



This preview shows how black text looks on a background with the Hex color 556402.



This preview shows how white text looks on a background with the Hex color 556402.

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
556402

Protanopia
695E00

Deuteranopia
765911



Tritanopia
5D5D64

Trichromacy



Original Color
556402

Protanomaly
626001

Deuteranomaly
6A5D0C

Tritanomaly
5A6040

Monochromacy



Original Color
556402

Achromatopsia
545454

Achromatomaly
545A36

CSS Examples

Text

The CSS property to change the color of the text to Hex 556402 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 #556402 looks like.

```
.text, #text, p{  
    color:#556402  
}
```

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 #556402 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556402
}
```

Border

The CSS property to change the border of an element to Hex 556402 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
#556402 }
```

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

```
.border{ border-color:#556402 }
```

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

Here you see how a box with a 4 pixel #556402 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556402; -webkit-box-shadow:4px 4px  
4px 4px #556402; box-shadow:4px 4px 4px  
4px #556402 }
```

Background

The CSS property to change the background color of an element to Hex 556402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556402 }
```

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

```
.background{ background-color:#556402 }
```

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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