

Converting Colors

Hex(556431)

Have a look what the booklet for
Hex(556431) contains.

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Color

Hex(556431)

Conversions

Conversions Part 1

Format	Color
Hex	556431
RGB	85, 100, 49
RGB Percent	33%, 39%, 19%
CMY	0.6667, 0.6078, 0.8078
CMYK	0.15, 0.00, 0.51, 0.61
HSL	78°, 34%, 29%
HSV	78°, 51%, 39%
XYZ	8.8579, 11.2674, 4.6137
YIQ	89.7010, 7.4310, -19.0410

Conversions

Conversions Part 2

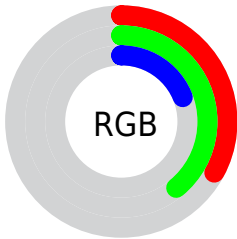
Format	Color
RYB	49, 100, 64
Decimal	5596209
CIELab	40.03, -14.81, 26.87
CIElCh	40, 30.682, 118.853
Yxy	11.2674, 0.3581, 0.4555
Android (android.graphics.Color)	4283786289 (0xFF556431)
YUV	89.7010, -20.0656, -4.1228
Hunter-Lab	33.5669, -11.6384, 15.3476

Details

The Hex color **556431** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **403164**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **889761**, and **263502** is the 20% darker color. If you saturate the color by 10%, you get **526427**, and if you desaturate by 10%, it is **58643B**.

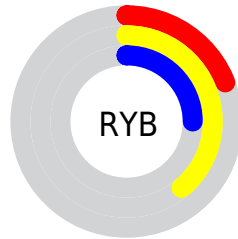
Distribution



Red (33%)

Green (39%)

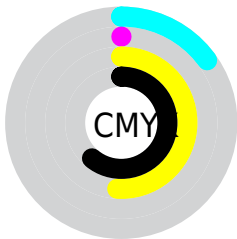
Blue (19%)



Red (19%)

Yellow (39%)

Blue (25%)

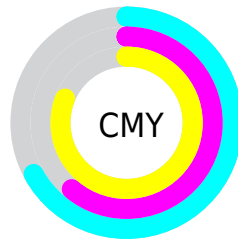


Cyan (15%)

Magenta (0%)

Yellow (51%)

Black (61%)



Cyan (67%)

Magenta (61%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 556431 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 556431 by changing the saturation by 10% instead.

■ 556431

■ 556431

FFFFFF

■ 3D4C1B

■ 889761

■ 263502

■ A2B27A

■ 102000

■ BECD94

■ 000000

■ DAE9AF

■ F6FFCA

■ FFFFE6

■ 556431

■ 556431

■ 526427

■ 58643B

■ 4F641D

■ 5B6445

■ 4C6413

■ 5E644F

■ 496409

■ 616459

■ 476400

■ 646463

■ 67646D

■ 6A6477

■ 6D6481

■ 6F648B

Harmonies

Analogous

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



6E5D2B



556431



366943

Triad

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



556431



006889



8C4A60

Complementary

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



556431



403164

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.



7C4F79



556431



316190

Square

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



556431



006B76



5F588A



8D4C48

Rectangle

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



556431



186B54



5F588A



884B69

Sweetspot

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



556431



7C826F



643F31



3F4236



C2C2C2



424242

Same Dimension

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



556431



6B8233



3C6431



32332E



517300



ABF200

Inverse Universe

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



403164



4A3382



593164



2F2E33



220073



4700F2

Previews

White Background



This preview shows how the Hex color 556431 looks on a white background.

Color Contrast Check

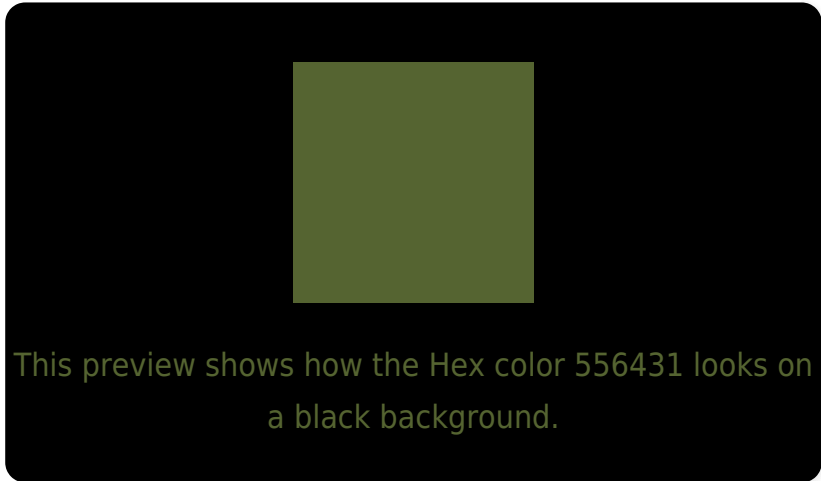
Large Text (above 18pt) WCAG AA ✓ Pass

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

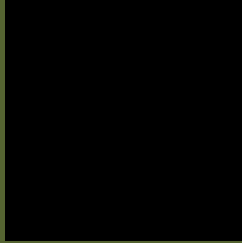
Any Text WCAG AA × Fail

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 556431 Background



This preview shows how black text looks on a background with the Hex color 556431.



This preview shows how white text looks on a background with the Hex color 556431.

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
556431

Protanopia
685E2F

Deuteranopia
735A34



Tritanopia
5C5E66

Trichromacy



Original Color
556431

Protanomaly
616030

Deuteranomaly
685E33

Tritanomaly
596053

Monochromacy



Original Color
556431

Achromatopsia
5A5A5A

Achromatomaly
585E4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 556431 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 #556431 looks like.

```
.text, #text, p{  
    color:#556431  
}
```

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 #556431 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556431
}
```

Border

The CSS property to change the border of an element to Hex 556431 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
#556431 }
```

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

```
.border{ border-color:#556431 }
```

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

Here you see how a box with a 4 pixel #556431 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556431; -webkit-box-shadow:4px 4px  
4px 4px #556431; box-shadow:4px 4px 4px  
4px #556431 }
```

Background

The CSS property to change the background color of an element to Hex 556431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556431 }
```

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

```
.background{ background-color:#556431 }
```

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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