

Converting Colors

Hex(2E4545)

Have a look what the booklet for
Hex(2E4545) contains.

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Color

Hex(2E4545)

Conversions

Conversions Part 1

Format	Color
Hex	2E4545
RGB	46, 69, 69
RGB Percent	18%, 27%, 27%
CMY	0.8196, 0.7294, 0.7294
CMYK	0.33, 0.00, 0.00, 0.73
HSL	180°, 20%, 23%
HSV	180°, 33%, 27%
XYZ	4.3290, 5.2668, 6.4186
YIQ	62.1230, -13.7080, -4.8760

Conversions

Conversions Part 2

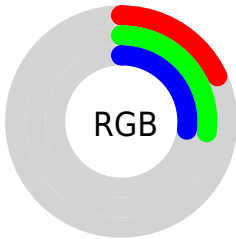
Format	Color
R_{YB}	46, 58, 69
Decimal	3032389
CIE _{Lab}	27.48, -8.86, -2.87
CIE _{LCh}	27, 9.313, 197.947
Yxy	5.2668, 0.2703, 0.3289
Android (android.graphics.Color)	4281222469 (0xFF2E4545)
YUV	62.1230, 3.3904, -14.1399
Hunter-Lab	22.9494, -6.4905, -0.5180

Details

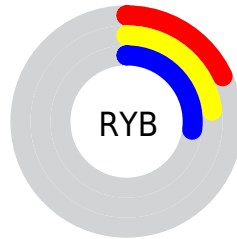
The Hex color **2E4545** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **452E2E**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **5D7575**, and **011A1A** is the 20% darker color. If you saturate the color by 10%, you get **274545**, and if you desaturate by 10%, it is **354545**.

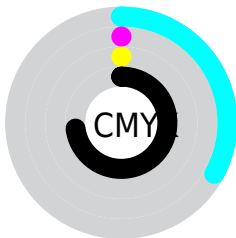
Distribution



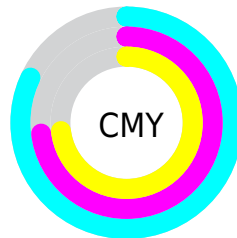
- Red (18%)
- Green (27%)
- Blue (27%)



- Red (18%)
- Yellow (23%)
- Blue (27%)



- Cyan (33%)
- Magenta (0%)
- Yellow (0%)
- Black (73%)



- Cyan (82%)
- Magenta (73%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E4545 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 2E4545 by changing the saturation by 10% instead.

■ 2E4545

■ 2E4545

FFFFFF

■ 182F2F

■ 5D7575

■ 011A1A

■ 768F8F

■ 000000

■ 90A9A9

■ AAC5C4

■ C6E1E0

■ E2DFDF

■ 2E4545

■ 2E4545

■ 274545

■ 354545

■ 204545

■ 3C4545

■ 194545

■ 434545

■ 124545

■ 4A4545

■ 0C4545

■ 514545

■ 054545

■ 574545

■ 004545

■ 5E4545

■ 654545

■ 6C4545

Harmonies

Analogous

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



32453E



2E4545



2F444B

Triad

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



2E4545



473E4A



493F33

Complementary

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



2E4545



452E2E

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.



4E3D37



2E4545



4E3C44

Square

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



2E4545



3E404E



503C3D



424233

Rectangle

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



2E4545



33434E



503C3D



4B3F34

Sweetspot

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



2E4545



505959



2E452E



282E2E



ADADAD



2E2E2E

Same Dimension

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



2E4545



365959



2E3A45



202424



006363



00E3E3

Inverse Universe

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



452E45



593659



453A2E



242024



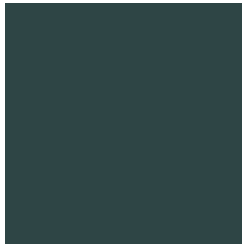
630063



E300E3

Previews

White Background



This preview shows how the Hex color 2E4545 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

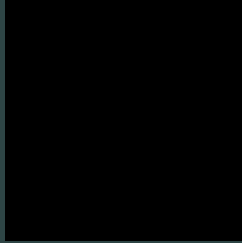
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

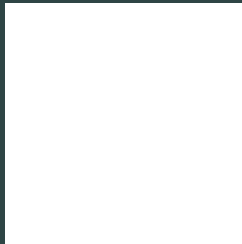
Any Text WCAG AAA × Fail

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

Hex 2E4545 Background



This preview shows how black text looks on a background with the Hex color 2E4545.



This preview shows how white text looks on a background with the Hex color 2E4545.

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
2E4545

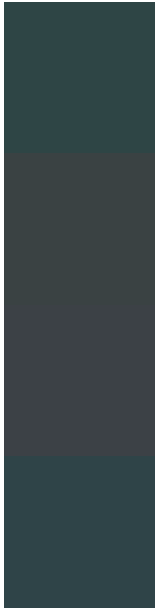
Protanopia
414042

Deuteranopia
443F46



Tritanopia
2F444A

Trichromacy



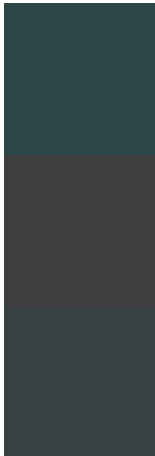
Original Color
2E4545

Protanomaly
3A4243

Deuteranomaly
3C4146

Tritanomaly
2F4448

Monochromacy



Original Color
2E4545

Achromatopsia
3E3E3E

Achromatomaly
384141

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E4545 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 #2E4545 looks like.

```
.text, #text, p{  
    color:#2E4545  
}
```

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 #2E4545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4545
}
```

Border

The CSS property to change the border of an element to Hex 2E4545 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
#2E4545 }
```

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

```
.border{ border-color:#2E4545 }
```

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

Here you see how a box with a 4 pixel #2E4545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4545; -webkit-box-shadow:4px 4px  
4px 4px #2E4545; box-shadow:4px 4px 4px  
4px #2E4545 }
```

Background

The CSS property to change the background color of an element to Hex 2E4545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4545 }
```

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

```
.background{ background-color:#2E4545 }
```

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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