

Converting Colors

HunterLab(27.5049, 4.1797,
-32.2095)

Have a look what the booklet for
HunterLab(27.5049, 4.1797,
-32.2095) contains.

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Color

**HunterLab(27.5951, 4.1634,
-32.1719)**

Conversions

Conversions Part 1

Format	Color
Hex	2D4D87
RGB	45, 77, 135
RGB Percent	18%, 30%, 53%
CMY	0.8235, 0.6980, 0.4706
CMYK	0.67, 0.43, 0.00, 0.47
HSL	219°, 50%, 35%
HSV	219°, 67%, 53%
XYZ	8.1092, 7.6149, 23.9641
YIQ	74.0440, -37.6900, 11.2540

Conversions

Conversions Part 2

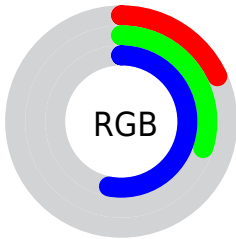
Format	Color
R_{YB}	45, 69, 135
Decimal	2968967
CIE _{Lab}	33.17, 8.19, -35.98
CIE _{LCh}	33, 36.900, 282.818
Yxy	7.6151, 0.2043, 0.1919
Android (android.graphics.Color)	4281159047 (0xFF2D4D87)
YUV	74.0440, 30.0513, -25.4716
Hunter-Lab	27.5951, 4.1634, -32.1719

Details

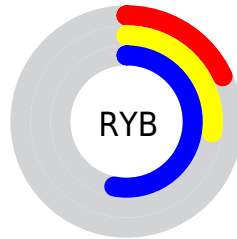
The HunterLab color $[27.5951, 4.1634, -32.1719]$ is a dark color, and the websafe version is hex 003366 . A complement of this color would be $[38.7838, 2.6201, 20.1482]$, and the grayscale version is $[26.0906, -1.3921, 1.4176]$.

A 20% lighter version of the original color is $[46.1575, 3.9224, -33.3311]$, and $[13.4162, 5.9483, -29.6098]$ is the 20% darker color. If you saturate the color by 10%, you get $[24.9382, 6.7406, -39.0112]$, and if you desaturate by 10%, it is $[30.4499, 2.1187, -25.8316]$.

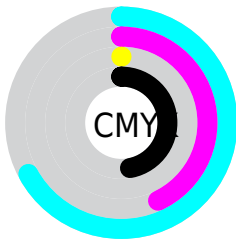
Distribution



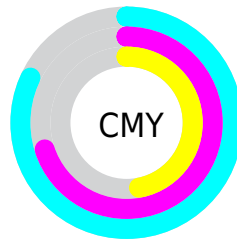
- Red (18%)
- Green (30%)
- Blue (53%)



- Red (18%)
- Yellow (27%)
- Blue (53%)



- Cyan (67%)
- Magenta (43%)
- Yellow (0%)
- Black (47%)



- Cyan (82%)
- Magenta (70%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.5951, 4.1634, -32.1719 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 HunterLab color 27.5951, 4.1634, -32.1719 by changing the saturation by 10% instead.

■ 27.5951, 4.1634,
-32.1719

■ 27.5951, 4.1634,
-32.1719

■ 131.4083, 2.2342,
-37.0184

■ 19.6206, 4.0330,
-31.8804

■ 46.0439, 4.1540,
-33.3316

■ 12.6089, 3.7833,
-32.2659

■ 56.3818, 4.0395,
-33.9685

■ 5.9223, 5.7071,
-40.6726

■ 67.3950, 3.8634,
-34.5858

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 79.0445, 3.6318,
-35.1669

0.0000, NaN, NaN

■ 91.2971, 3.3495,
-35.7034

0.0000, NaN, NaN

■ 104.1246, 3.0204,

0.0000, NaN, NaN

-36.1916

0.0000, NaN, NaN

117.5023, 2.6477,
-36.6299

■ 27.5951, 4.1634,
-32.1719

■ 27.5951, 4.1634,
-32.1719

■ 24.9382, 6.7406,
-39.0112

■ 30.4499, 2.1187,
-25.8316

■ 22.5120, 9.9051,
-46.3243

■ 33.4727, 0.5336,
-19.9662

■ 20.3402, 13.6280,
-54.0431

■ 36.6403, -0.6622,
-14.5253

■ 19.6542, 14.9205,
-56.7751

■ 39.9337, -1.5313,
-9.4521

■ 43.3376, -2.1267,
-4.6921

■ 46.8395, -2.4924,
-0.1961

■ 50.4293, -2.6640,
4.0784

■ 54.0986, -2.6707,
8.1671

■ 57.8404, -2.5363,
12.1003

Harmonies

Analogous

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



27.5955, -8.3329, -31.2465



27.5951, 4.1634, -32.1719



27.5955, 17.1919, -21.5900

Triad

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



27.5955, 4.1638, -32.1712



27.5955, 18.8526, 13.0970



27.5955, -21.1666, 7.5285

Complementary

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



27.5951, 4.1634, -32.1719



38.7838, 2.6201, 20.1482

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.



27.5955, -16.2059, 13.6977



27.5951, 4.1634, -32.1719



27.5955, 6.1282, 15.7659

Square

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



27.5955, 4.1638, -32.1712



27.5955, 26.6490, 6.1808



27.5955, -6.6925, 15.9201



27.5955, -21.5002, -4.1734

Rectangle

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



27.5951, 4.1634, -32.1719



27.5955, 23.8235, -11.3782



27.5955, -6.6925, 15.9201



27.5955, -20.0326, 10.1561

Sweetspot

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



27.5955, 4.1638, -32.1712



56.2544, -2.5835, -8.6449



43.4113, -26.0323, 9.1251



26.5351, -1.1497, -4.9103



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



27.5955, 4.1638, -32.1712



31.6657, 11.0909, -57.1514



21.2047, 21.8118, -50.6429



21.8987, -1.1537, -0.6072



18.9356, 14.1742, -54.2659



1.5896, -0.1081, -1.7536

Inverse Universe

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



27.5026, 31.5059, 2.3620



33.3124, 49.6682, 6.0132



46.6139, -15.3029, 25.2970



21.7119, 0.9396, 0.9393



22.2461, 38.9923, 7.4364



1.3580, 2.4719, -0.2565

Previews

White Background



This preview shows how the HunterLab color 27.5951, 4.1634, -32.1719 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



This preview shows how the HunterLab color 27.5951, 4.1634, -32.1719 looks on a 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](#).

HunterLab 27.5951, 4.1634, -32.1719 Background



This preview shows how black text looks on a background with the HunterLab color 27.5951, 4.1634, -32.1719.



This preview shows how white text looks on a background with the HunterLab color 27.5951, 4.1634, -32.1719.

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

27.5951, 4.1634, -32.1719

Protanopia

27.6047, 5.3860, -31.3384

Deuteranopia

27.6850, 1.8187, -31.9978



Tritanopia

27.4726, -12.3378, -5.6371

Trichromacy



Original Color

27.5951, 4.1634, -32.1719

Protanomaly

27.4647, 4.9327, -31.6796

Deuteranomaly

27.5524, 2.7080, -32.3000

Tritanomaly

27.3657, -7.2791, -14.0028

Monochromacy



Original Color

27.5951, 4.1634, -32.1719

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

26.3314, -0.8148, -8.7068

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.5951, 4.1634, -32.1719 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 `rgb(45, 77, 135)` looks like.

```
.text, #text, p{  
    color:rgb(45, 77, 135)  
}
```

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 rgb(45, 77, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 77, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 27.5951, 4.1634, -32.1719 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 rgb(45, 77, 135) }
```


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

```
.border{ border-color:rgb(45, 77, 135) }
```

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

Here you see how a box with a 4 pixel rgb(45, 77, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 77, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 77, 135);  
box-shadow:4px 4px 4px 4px rgb(45, 77,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.5951, 4.1634, -32.1719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 77, 135) }
```

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

```
.background{ background-color: rgb(45, 77,  
135) }
```

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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