

Converting Colors

HunterLab(27.2947, 2.4836,
-37.8759)

Have a look what the booklet for
HunterLab(27.2947, 2.4836,
-37.8759) contains.

HunterLab(27.2947, 2.4836, -37.8759)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(27.2947, 2.4836,
-37.8759)**

Conversions

Conversions Part 1

Format	Color
Hex	0C4E8D
RGB	12, 78, 141
RGB Percent	5%, 31%, 55%
CMY	0.9529, 0.6941, 0.4471
CMYK	0.91, 0.45, 0.00, 0.45
HSL	209°, 84%, 30%
HSV	209°, 91%, 55%
XYZ	7.6837, 7.4500, 26.2323
YIQ	65.4480, -59.5590, 5.6010

Conversions

Conversions Part 2

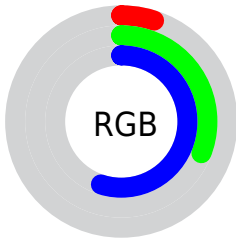
Format	Color
R_{YB}	12, 56, 141
Decimal	806541
CIE _{Lab}	32.81, 5.81, -40.29
CIE _{LCh}	33, 40.709, 278.203
Yxy	7.4502, 0.1858, 0.1801
Android (android.graphics.Color)	4278996621 (0xFF0C4E8D)
YUV	65.4480, 37.2471, -46.8739
Hunter-Lab	27.2947, 2.4836, -37.8759

Details

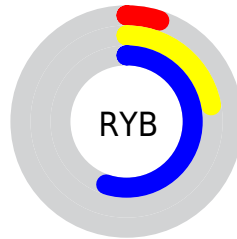
The HunterLab color **27.2947, 2.4836, -37.8759** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **32.7472, 16.6509, 19.8394**, and the grayscale version is **23.0387, -1.2293, 1.2517**.

A 20% lighter version of the original color is **45.8298, 1.9630, -38.5190**, and **13.9293, 6.9749, -32.4673** is the 20% darker color. If you saturate the color by 10%, you get **25.6413, 4.7876, -42.3844**, and if you desaturate by 10%, it is **29.3659, 0.1333, -32.7805**.

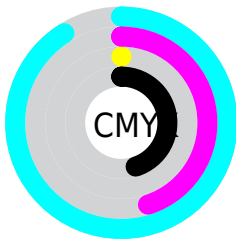
Distribution



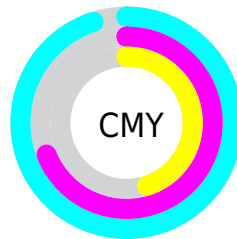
- Red (5%)
- Green (31%)
- Blue (55%)



- Red (5%)
- Yellow (22%)
- Blue (55%)



- Cyan (91%)
- Magenta (45%)
- Yellow (0%)
- Black (45%)



- Cyan (95%)
- Magenta (69%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.2947, 2.4836, -37.8759 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 27.2947, 2.4836, -37.8759 by changing the saturation by 10% instead.

■ 27.2947, 2.4836,
-37.8759

■ 27.2947, 2.4836,
-37.8759

■ 130.9023, -0.4609,
-43.1447

■ 19.3526, 2.5064,
-37.8319

■ 45.6874, 2.2033,
-38.9249

■ 12.3778, 2.4254,
-38.8080

■ 56.0003, 1.9662,
-39.5908

■ 5.5781, 4.2393,
-51.7374

■ 66.9901, 1.6742,
-40.2645

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 78.6174, 1.3326,
-40.9191

0.0000, NaN, NaN

■ 90.8490, 0.9452,
-41.5404

0.0000, NaN, NaN

■ 103.6564, 0.5154,

0.0000, NaN, NaN

-42.1207

0.0000, NaN, NaN

117.0147, 0.0459,
-42.6561

■ 27.2947, 2.4836,
-37.8759

■ 27.2947, 2.4836,
-37.8759

■ 25.6413, 4.7876,
-42.3844

■ 29.3659, 0.1333,
-32.7805

■ 31.6130, -1.6881,
-27.8111

■ 34.0232, -3.0055,
-23.0010

■ 36.5818, -3.8619,
-18.3681

■ 39.2745, -4.3063,
-13.9165

■ 42.0880, -4.3878,
-9.6413

■ 45.0106, -4.1517,
-5.5312

■ 48.0320, -3.6386,
-1.5725

■ 51.1431, -2.8838,
2.2500

Harmonies

Analogous

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



27.2951, -10.7394, -34.5176



27.2947, 2.4836, -37.8759



27.2951, 17.2352, -27.2149

Triad

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



27.2951, 2.4843, -37.8752



27.2951, 23.0405, 13.0408



27.2951, -22.2013, 9.3775

Complementary

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



27.2947, 2.4836, -37.8759



32.7472, 16.6509, 19.8394

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.



27.2951, -16.1723, 14.9096



27.2947, 2.4836, -37.8759



27.2951, 9.2579, 16.1612

Square

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



27.2951, 2.4843, -37.8752



27.2951, 30.5686, 4.8881



27.2951, -5.1882, 16.6114



27.2951, -23.2937, -2.4203

Rectangle

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



27.2947, 2.4836, -37.8759



27.2951, 25.3518, -15.7140



27.2951, -5.1882, 16.6114



27.2951, -20.7532, 11.8170

Sweetspot

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



27.2951, 2.4843, -37.8752



57.8310, -5.7961, -10.7326



44.3028, -33.5124, 17.9572



26.7924, -2.7690, -5.8444



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



27.2951, 2.4843, -37.8752



33.8167, 7.3594, -58.1549



15.2314, 33.3343, -88.1224



23.8380, -1.7051, -0.3358



24.5494, 4.4484, -40.2874



3.1893, -0.8583, -2.1336

Inverse Universe

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



25.4483, 43.0828, -0.3575



33.0874, 59.1015, 2.4795



49.1033, -12.2744, 29.6217



23.3821, 1.1966, 0.5970



23.6532, 42.3306, 1.1467



2.4071, 4.4785, -1.2064

Previews

White Background



This preview shows how the HunterLab color 27.2947, 2.4836, -37.8759 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 27.2947, 2.4836, -37.8759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

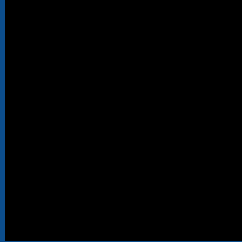
Any Text WCAG AA × Fail

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 27.2947, 2.4836, -37.8759 Background



This preview shows how black text looks on a background with the HunterLab color 27.2947, 2.4836, -37.8759.



This preview shows how white text looks on a background with the HunterLab color 27.2947, 2.4836, -37.8759.

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

27.2947, 2.4836, -37.8759

Protanopia

27.3340, 6.2093, -35.2036

Deuteranopia

27.3058, 0.9566, -36.1949



Tritanopia

27.2549, -13.2497, -5.4639

Trichromacy



Original Color

27.2947, 2.4836, -37.8759

Protanomaly

27.1533, 4.4429, -36.5254

Deuteranomaly

27.4066, 1.4051, -36.7622

Tritanomaly

27.0890, -8.1473, -15.7381

Monochromacy



Original Color

27.2947, 2.4836, -37.8759

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

23.9822, -2.5756, -10.8698

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.2947, 2.4836, -37.8759 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(12, 78, 141)` looks like.

```
.text, #text, p{  
    color:rgb(12, 78, 141)  
}
```

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(12, 78, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 78, 141) }
```

Border

The CSS property to change the border of an element to HunterLab 27.2947, 2.4836, -37.8759 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(12, 78, 141) }
```


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

```
.border{ border-color:rgb(12, 78, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 78, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 78, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 78, 141);  
box-shadow:4px 4px 4px 4px rgb(12, 78,  
141) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.2947, 2.4836, -37.8759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 78, 141) }
```

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

```
.background{ background-color: rgb(12, 78,  
141) }
```

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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