

Converting Colors

HunterLab(27.3976, -4.4855,
-12.7046)

Have a look what the booklet for
HunterLab(27.3976, -4.4855,
-12.7046) contains.

HunterLab(27.3976, -4.4855, -12.7046)	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(27.3976, -4.4855,
-12.7046)**

Conversions

Conversions Part 1

Format	Color
Hex	2E516A
RGB	46, 81, 106
RGB Percent	18%, 32%, 42%
CMY	0.8196, 0.6823, 0.5843
CMYK	0.57, 0.24, 0.00, 0.58
HSL	205°, 39%, 30%
HSV	205°, 57%, 42%
XYZ	6.6706, 7.5063, 14.7329
YIQ	73.3850, -28.8850, 0.3550

Conversions

Conversions Part 2

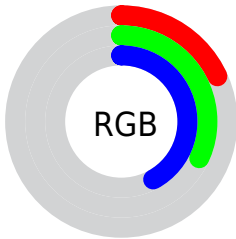
Format	Color
R _{YB}	46, 68, 106
Decimal	3035498
CIE Lab	32.93, -4.67, -18.31
CIE LCh	33, 18.897, 255.680
Yxy	7.5066, 0.2307, 0.2596
Android (android.graphics.Color)	4281225578 (0xFF2E516A)
YUV	73.3850, 16.0792, -24.0166
Hunter-Lab	27.3976, -4.4855, -12.7046

Details

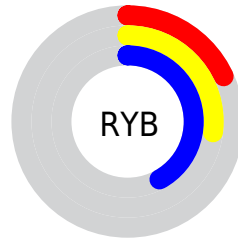
The HunterLab color **27.3976, -4.4855, -12.7046** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **27.8714, 6.8822, 11.7957**, and the grayscale version is **25.9015, -1.3820, 1.4073**.

A 20% lighter version of the original color is **45.7613, -5.9765, -13.2353**, and **12.8020, -2.1721, -11.3124** is the 20% darker color. If you saturate the color by 10%, you get **25.7969, -4.0895, -15.5153**, and if you desaturate by 10%, it is **29.0892, -4.5906, -9.9483**.

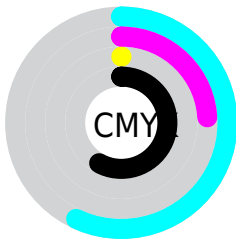
Distribution



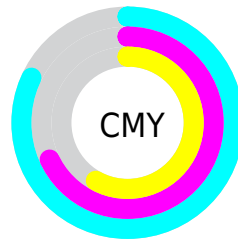
- Red (18%)
- Green (32%)
- Blue (42%)



- Red (18%)
- Yellow (27%)
- Blue (42%)



- Cyan (57%)
- Magenta (24%)
- Yellow (0%)
- Black (58%)



- Cyan (82%)
- Magenta (68%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.3976, -4.4855, -12.7046 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 27.3976, -4.4855, -12.7046 by changing the saturation by 10% instead.

■ 27.3976, -4.4855,
-12.7046

■ 27.3976, -4.4855,
-12.7046

■ 131.0759,
-12.1672, -13.7898

■ 19.4445, -3.7188,
-12.2697

■ 45.8097, -6.0570,
-13.3879

■ 12.4569, -2.9535,
-11.8244

■ 56.1311, -6.8690,
-13.6261

■ 5.6986, -3.8783,
-14.7436

■ 67.1290, -7.7007,
-13.7979

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 78.7639, -8.5527,
-13.9071

0.0000, NaN, NaN

■ 91.0027, -9.4254,
-13.9574

0.0000, NaN, NaN

■ 103.8170,

0.0000, NaN, NaN

-10.3187, -13.9525

0.0000, NaN, NaN

117.1820,
-11.2327, -13.8957

■ 27.3976, -4.4855,
-12.7046

■ 27.3976, -4.4855,
-12.7046

■ 25.7969, -4.0895,
-15.5153

■ 29.0892, -4.5906,
-9.9483

■ 24.2925, -3.3780,
-18.3707

■ 30.8635, -4.4322,
-7.2546

■ 22.8906, -2.3329,
-21.2544

■ 32.7142, -4.0375,
-4.6254

■ 21.5779, -1.0094,
-24.1889

■ 34.6351, -3.4324,
-2.0605

■ 21.1372, -0.5494,
-25.2336

■ 36.6207, -2.6405,
0.4425

■ 38.6658, -1.6829,
2.8871

■ 40.7658, -0.5782,
5.2775

■ 42.9165, 0.6572,
7.6184

■ 45.1144, 2.0093,
9.9141

Harmonies

Analogous

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



27.3981, -9.6572, -8.4470



27.3976, -4.4855, -12.7046



27.3981, 1.9956, -12.5960

Triad

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



27.3981, -4.4855, -12.7041



27.3981, 11.6327, 4.5129



27.3981, -9.8412, 8.5632

Complementary

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



27.3976, -4.4855, -12.7046



27.8714, 6.8822, 11.7957

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.



27.3981, -4.7588, 10.6437



27.3976, -4.4855, -12.7046



27.3981, 7.8232, 8.7045

Square

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



27.3981, -4.4855, -12.7041



27.3981, 11.7233, -1.6141



27.3981, 1.6957, 10.6886



27.3981, -12.5483, 4.2711

Rectangle

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



27.3976, -4.4855, -12.7046



27.3981, 6.2110, -10.0254



27.3981, 1.6957, 10.6886



27.3981, -8.3762, 9.4953

Sweetspot

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



27.3981, -4.4855, -12.7041



45.6591, -4.6269, -3.0213



33.6809, -19.6265, 9.9161



21.9312, -2.2974, -1.6814



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



27.3981, -4.4855, -12.7041



33.5072, -5.1562, -21.7886



19.9734, 8.9472, -28.0130



18.1407, -1.4274, -0.0731



23.4035, -0.3690, -28.4557



51.1520, 2.0628, -68.3886

Inverse Universe

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



23.6907, 21.8792, -4.5018



28.4230, 35.4923, -6.3238



35.4527, -6.2013, 17.4141



17.7302, 0.8543, 0.3433



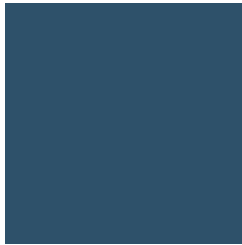
20.5555, 37.2576, -2.6526



46.2100, 83.4144, -3.3057

Previews

White Background



This preview shows how the HunterLab color 27.3976, -4.4855, -12.7046 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 27.3976, -4.4855, -12.7046 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

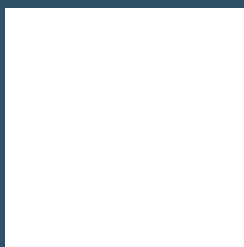
Any Text WCAG AAA × Fail

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

HunterLab 27.3976, -4.4855, -12.7046 Background



This preview shows how black text looks on a background with the HunterLab color 27.3976, -4.4855, -12.7046.



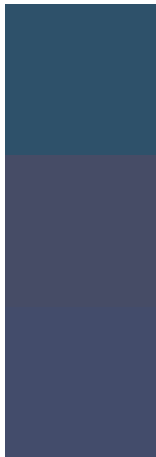
This preview shows how white text looks on a background with the HunterLab color 27.3976, -4.4855, -12.7046.

-12.7046.

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

27.3976, -4.4855, -12.7046

Protanopia

27.2585, 1.4663, -10.5195

Deuteranopia

27.2465, 1.8008, -13.4481



Tritanopia

27.4720, -9.5214, -4.5994

Trichromacy



Original Color

27.3976, -4.4855, -12.7046

Protanomaly

27.2400, -1.1639, -11.1651

Deuteranomaly

27.2766, -0.7354, -13.4406

Tritanomaly

27.4286, -7.9157, -7.1583

Monochromacy



Original Color

27.3976, -4.4855, -12.7046

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

26.2327, -3.2155, -3.3164

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.3976, -4.4855, -12.7046 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(46, 81, 106)` looks like.

```
.text, #text, p{  
    color:rgb(46, 81, 106)  
}
```

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(46, 81, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 81, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 27.3976, -4.4855, -12.7046 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(46, 81, 106) }
```


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

```
.border{ border-color:rgb(46, 81, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 81, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 81, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 81, 106);  
box-shadow:4px 4px 4px 4px rgb(46, 81,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.3976, -4.4855, -12.7046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 81, 106) }
```

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

```
.background{ background-color: rgb(46, 81,  
106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor