

Converting Colors

HunterLab(40.2890, -24.7134,
10.8293)

Have a look what the booklet for
HunterLab(40.2890, -24.7134,
10.8293) contains.

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Color

**HunterLab(40.2296,
-24.6803, 10.7504)**

Conversions

Conversions Part 1

Format	Color
Hex	2D7E58
RGB	45, 126, 88
RGB Percent	18%, 49%, 35%
CMY	0.8235, 0.5059, 0.6549
CMYK	0.64, 0.00, 0.30, 0.51
HSL	152°, 47%, 34%
HSV	152°, 64%, 49%
XYZ	10.3045, 16.1842, 11.8133
YIQ	97.4490, -36.0780, -28.9900

Conversions

Conversions Part 2

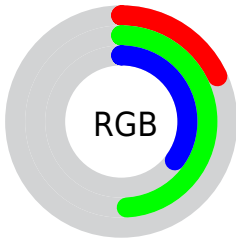
Format	Color
RYB	45, 98, 126
Decimal	2981464
CIELab	47.22, -34.07, 13.60
CIELCh	47, 36.681, 158.232
Yxy	16.1849, 0.2690, 0.4225
Android (android.graphics.Color)	4281171544 (0xFF2D7E58)
YUV	97.4490, -4.6584, -45.9978
Hunter-Lab	40.2296, -24.6803, 10.7504

Details

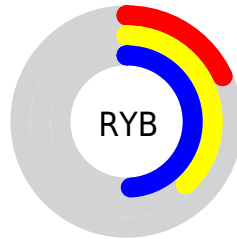
The HunterLab color $40.2296, -24.6803, 10.7504$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $26.3388, 29.1628, -1.6829$, and the grayscale version is $34.7696, -1.8552, 1.8891$.

A 20% lighter version of the original color is $60.6502, -29.7258, 13.3465$, and $23.0999, -17.2247, 8.3102$ is the 20% darker color. If you saturate the color by 10%, you get $39.8076, -26.6350, 12.1467$, and if you desaturate by 10%, it is $40.7634, -22.2941, 9.3552$.

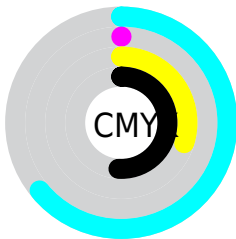
Distribution



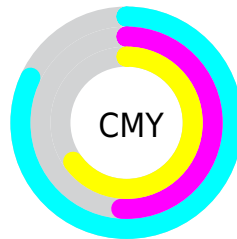
- Red (18%)
- Green (49%)
- Blue (35%)



- Red (18%)
- Yellow (38%)
- Blue (49%)



- Cyan (64%)
- Magenta (0%)
- Yellow (30%)
- Black (51%)



- Cyan (82%)
- Magenta (51%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2296, -24.6803, 10.7504 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 40.2296, -24.6803, 10.7504 by changing the saturation by 10% instead.

40.2296, -24.6803,
10.7504

40.2296, -24.6803,
10.7504

151.7992,
-45.9403, 22.6352

31.0726, -21.8313,
9.3558

60.7609, -29.9148,
13.4398

22.7395, -18.7455,
7.8993

72.0360, -32.3717,
14.7579

15.3227, -15.3095,
6.3410

83.9333, -34.7524,
16.0684

8.9379, -15.6414,
6.2565

96.4218, -37.0722,
17.3760

0.0000, NaN, NaN

0.0000, NaN, NaN

109.4748,
-39.3428, 18.6841

0.0000, NaN, NaN

123.0688,

0.0000, NaN, NaN

-41.5731, 19.9954

0.0000, NaN, NaN

137.1831,
-43.7704, 21.3120

■ 40.2296, -24.6803,
10.7504

■ 40.2296, -24.6803,
10.7504

■ 39.8076, -26.6350,
12.1467

■ 40.7634, -22.2941,
9.3552

■ 39.4883, -28.1668,
13.5243

■ 41.4109, -19.4792,
7.9781

■ 39.2611, -29.3106,
14.8622

■ 42.1752, -16.2515,
6.6358

■ 39.1487, -29.8867,
15.5844

■ 43.0568, -12.6356,
5.3432

■ 44.0547, -8.6623,
4.1127

■ 45.1670, -4.3670,
2.9541

■ 46.3903, 0.2134,
1.8752

■ 47.7210, 5.0417,
0.8808

■ 49.1545, 10.0822,
-0.0260

Harmonies

Analogous

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



40.2304, -17.8254, 17.8218



40.2296, -24.6803, 10.7504



40.2304, -25.9560, -1.7485

Triad

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



40.2304, -24.6807, 10.7508



40.2304, 1.8747, -33.3644



40.2304, 21.8736, 15.2719

Complementary

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



40.2296, -24.6803, 10.7504



26.3388, 29.1628, -1.6829

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.



40.2304, 28.9276, 5.7663



40.2296, -24.6803, 10.7504



40.2304, 16.3700, -24.3319

Square

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



40.2304, -24.6807, 10.7508



40.2304, -11.8691, -30.5655



40.2304, 26.7838, -8.7983



40.2304, 8.5922, 19.7234

Rectangle

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



40.2296, -24.6803, 10.7504



40.2304, -23.6676, -12.2935



40.2304, 26.7838, -8.7983



40.2304, 25.1307, 12.7238

Sweetspot

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



40.2304, -24.6807, 10.7508



57.7454, -14.2684, 6.2874



41.2355, -21.9279, 21.4553



27.3934, -7.3935, 3.1844



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



40.2304, -24.6807, 10.7508



52.6054, -36.3221, 16.9448



40.7967, -18.2862, -3.8688



22.0316, -3.1985, 1.7301



39.6506, -30.2774, 15.8004

0.0000, NaN, NaN

Inverse Universe

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



26.3388, 29.1628, -1.6829



31.6512, 45.8840, -0.6459



25.7039, 24.9423, 10.5482



20.9170, 0.9878, 0.6445



22.0790, 39.2798, 2.8810

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.2296, -24.6803, 10.7504 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



This preview shows how the HunterLab color 40.2296, -24.6803, 10.7504 looks on a 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](#).

HunterLab 40.2296, -24.6803, 10.7504 Background



This preview shows how black text looks on a background with the HunterLab color 40.2296, -24.6803, 10.7504.



This preview shows how white text looks on a background with the HunterLab color 40.2296,

-24.6803, 10.7504.

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

40.2296, -24.6803, 10.7504

Protanopia

39.9450, -3.2523, 13.0024

Deuteranopia

39.9440, 2.6828, 9.6311



Tritanopia

40.3077, -14.1640, -6.4754

Trichromacy



Original Color

40.2296, -24.6803, 10.7504

Protanomaly

39.3167, -12.6899, 11.3562

Deuteranomaly

39.2258, -9.7486, 9.0399

Tritanomaly

40.2690, -18.3733, 0.6110

Monochromacy



Original Color

40.2296, -24.6803, 10.7504

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

36.2670, -11.6659, 4.8312

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2296, -24.6803, 10.7504 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, 126, 88)` looks like.

```
.text, #text, p{  
    color:rgb(45, 126, 88)  
}
```

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, 126, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 126, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2296, -24.6803, 10.7504 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, 126, 88) }
```


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

```
.border{ border-color:rgb(45, 126, 88) }
```

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

Here you see how a box with a 4 pixel rgb(45, 126, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 126, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 126, 88);  
box-shadow:4px 4px 4px 4px rgb(45, 126,  
88) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2296, -24.6803, 10.7504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 126, 88) }
```

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

```
.background{ background-color: rgb(45, 126,  
88) }
```

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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