

Converting Colors

HunterLab(40.3727, -24.1515,
11.2116)

Have a look what the booklet for
HunterLab(40.3727, -24.1515,
11.2116) contains.

HunterLab(40.3583, -24.2021, 11.1984)	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(40.3583,
-24.2021, 11.1984)**

Conversions

Conversions Part 1

Format	Color
Hex	327E57
RGB	50, 126, 87
RGB Percent	20%, 49%, 34%
CMY	0.8039, 0.5059, 0.6588
CMYK	0.60, 0.00, 0.31, 0.51
HSL	149°, 43%, 35%
HSV	149°, 60%, 49%
XYZ	10.4965, 16.2879, 11.6075
YIQ	98.8300, -32.7770, -28.2410

Conversions

Conversions Part 2

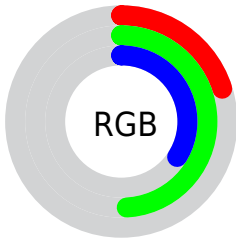
Format	Color
RYB	50, 101, 126
Decimal	3309143
CIELab	47.35, -33.17, 14.39
CIElCh	47, 36.162, 156.547
Yxy	16.2886, 0.2734, 0.4243
Android (android.graphics.Color)	4281499223 (0xFF327E57)
YUV	98.8300, -5.8322, -42.8239
Hunter-Lab	40.3583, -24.2021, 11.1984

Details

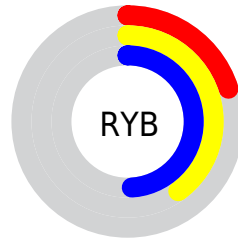
The HunterLab color $40.3583, -24.2021, 11.1984$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $27.2735, 27.8540, -3.2538$, and the grayscale version is $35.2900, -1.8830, 1.9174$.

A 20% lighter version of the original color is $60.8189, -29.1139, 13.8947$, and $23.0846, -17.3192, 8.5334$ is the 20% darker color. If you saturate the color by 10%, you get $39.8876, -26.3664, 12.6812$, and if you desaturate by 10%, it is $40.9446, -21.5956, 9.6983$.

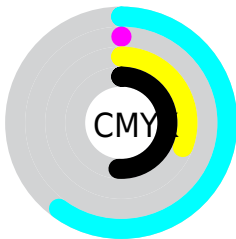
Distribution



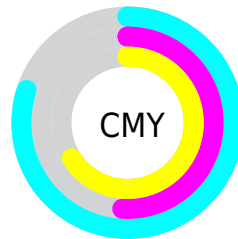
- Red (20%)
- Green (49%)
- Blue (34%)



- Red (20%)
- Yellow (40%)
- Blue (49%)



- Cyan (60%)
- Magenta (0%)
- Yellow (31%)
- Black (51%)



- Cyan (80%)
- Magenta (51%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3583, -24.2021, 11.1984 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 40.3583, -24.2021, 11.1984 by changing the saturation by 10% instead.

40.3583, -24.2021,
11.1984

40.3583, -24.2021,
11.1984

151.9995,
-45.0301, 23.4416

31.1907, -21.4228,
9.7477

60.9085, -29.3169,
13.9856

22.8460, -18.4162,
8.2282

72.1922, -31.7210,
15.3474

15.4161, -15.0735,
6.5977

84.0977, -34.0524,
16.6988

9.0210, -15.7867,
6.3147

96.5940, -36.3258,
18.0450

0.0000, NaN, NaN

0.0000, NaN, NaN

109.6544,
-38.5525, 19.3898

0.0000, NaN, NaN

123.2556,

0.0000, NaN, NaN

-40.7411, 20.7362

0.0000, NaN, NaN

137.3768,
-42.8985, 22.0862

■ 40.3583, -24.2021,
11.1984

■ 40.3583, -24.2021,
11.1984

■ 39.8876, -26.3664,
12.6812

■ 40.9446, -21.5956,
9.6983

■ 39.5244, -28.0906,
14.1263

■ 41.6475, -18.5556,
8.1983

■ 39.2612, -29.3943,
15.5149

■ 42.4692, -15.1031,
6.7162

■ 39.0678, -30.3881,
16.7678

■ 43.4095, -11.2669,
5.2677

■ 44.4669, -7.0815,
3.8663

■ 45.6387, -2.5845,
2.5233

■ 46.9213, 2.1857,
1.2471

■ 48.3104, 7.1912,
0.0442

■ 49.8015, 12.3962,
-1.0816

Harmonies

Analogous

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



40.3591, -17.1108, 17.9472



40.3583, -24.2021, 11.1984



40.3591, -25.7819, -0.8663

Triad

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



40.3591, -24.2026, 11.1988



40.3591, 0.9930, -32.8955



40.3591, 22.1064, 14.7682

Complementary

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



40.3583, -24.2021, 11.1984



27.2735, 27.8540, -3.2538

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.



40.3591, 28.5821, 5.0373



40.3583, -24.2021, 11.1984



40.3591, 15.3545, -24.6125

Square

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



40.3591, -24.2026, 11.1988



40.3591, -12.4220, -29.4835



40.3591, 25.9551, -9.5193



40.3591, 9.2521, 19.4565

Rectangle

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



40.3583, -24.2021, 11.1984



40.3591, -23.7219, -11.1644



40.3591, 25.9551, -9.5193



40.3591, 25.1766, 12.1355

Sweetspot

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



40.3591, -24.2026, 11.1988



57.8459, -13.9289, 6.6308



41.5810, -20.4690, 20.9606



27.4328, -7.2675, 3.3825



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.



40.3591, -24.2026, 11.1988



52.7414, -35.8146, 17.4761



41.3211, -18.4809, -2.5739



22.0248, -3.2364, 1.8275



39.5687, -30.7851, 16.9989

0.0000, NaN, NaN

Inverse Universe

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



27.2735, 27.8540, -3.2538



32.8306, 44.2818, -3.6175



26.3790, 23.8635, 9.5630



20.9242, 1.0263, 0.5426



22.2197, 39.7920, 0.8693

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.3583, -24.2021, 11.1984 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 40.3583, -24.2021, 11.1984 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 40.3583, -24.2021, 11.1984 Background



This preview shows how black text looks on a background with the HunterLab color 40.3583, -24.2021, 11.1984.



This preview shows how white text looks on a background with the HunterLab color 40.3583,

-24.2021, 11.1984.

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

40.3583, -24.2021, 11.1984

Protanopia

40.2188, -3.6980, 13.2419

Deuteranopia

40.0207, 2.8967, 10.0482



Tritanopia

40.4678, -13.5607, -6.2432

Trichromacy



Original Color

40.3583, -24.2021, 11.1984

Protanomaly

39.7241, -12.7106, 12.0408

Deuteranomaly

39.4202, -9.0799, 9.5831

Tritanomaly

40.3864, -17.9752, 1.2002

Monochromacy



Original Color

40.3583, -24.2021, 11.1984

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

36.7598, -11.2672, 4.9919

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3583, -24.2021, 11.1984 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(50, 126, 87)` looks like.

```
.text, #text, p{  
    color:rgb(50, 126, 87)  
}
```

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(50, 126, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 126, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3583, -24.2021, 11.1984 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(50, 126, 87) }
```


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

```
.border{ border-color:rgb(50, 126, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 126, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 126, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 126, 87);  
box-shadow:4px 4px 4px 4px rgb(50, 126,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3583, -24.2021, 11.1984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 126, 87) }
```

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

```
.background{ background-color: rgb(50, 126,  
87) }
```

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