

Converting Colors

HunterLab(40.3017, -7.1932,
-13.5225)

Have a look what the booklet for
HunterLab(40.3017, -7.1932,
-13.5225) contains.

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Color

**HunterLab(40.3017, -7.1932,
-13.5225)**

Conversions

Conversions Part 1

Format	Color
Hex	4C758F
RGB	76, 117, 143
RGB Percent	30%, 46%, 56%
CMY	0.7019, 0.5412, 0.4392
CMYK	0.47, 0.18, 0.00, 0.44
HSL	203°, 31%, 43%
HSV	203°, 47%, 56%
XYZ	14.2997, 16.2423, 28.3680
YIQ	107.7050, -32.7820, -0.6060

Conversions

Conversions Part 2

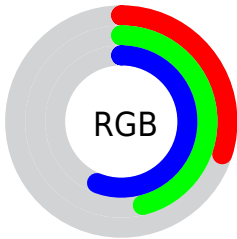
Format	Color
R_{YB}	76, 101, 143
Decimal	5010831
CIE _{Lab}	47.29, -6.88, -18.62
CIE _{LCh}	47, 19.844, 249.728
Y _{xy}	16.2429, 0.2427, 0.2757
Android (android.graphics.Color)	4283200911 (0xFF4C758F)
YUV	107.7050, 17.4004, -27.8053
Hunter-Lab	40.3017, -7.1932, -13.5225

Details

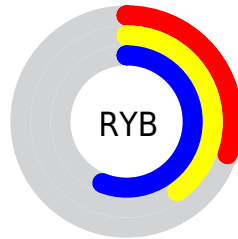
The HunterLab color **40.3017, -7.1932, -13.5225** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **39.8304, 8.2030, 14.5081**, and the grayscale version is **38.5580, -2.0574, 2.0949**.

A 20% lighter version of the original color is **60.8246, -9.1058, -14.1701**, and **22.8410, -5.3145, -12.9001** is the 20% darker color. If you saturate the color by 10%, you get **38.0338, -7.1434, -17.1991**, and if you desaturate by 10%, it is **42.6930, -6.8491, -9.9020**.

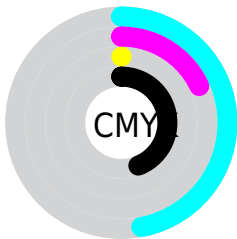
Distribution



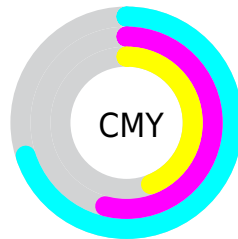
- Red (30%)
- Green (46%)
- Blue (56%)



- Red (30%)
- Yellow (40%)
- Blue (56%)



- Cyan (47%)
- Magenta (18%)
- Yellow (0%)
- Black (44%)



- Cyan (70%)
- Magenta (54%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3017, -7.1932, -13.5225 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 40.3017, -7.1932, -13.5225 by changing the saturation by 10% instead.

40.3017, -7.1932,
-13.5225

40.3017, -7.1932,
-13.5225

151.9114,
-16.0763, -13.9466

31.1387, -6.2666,
-13.1654

60.8435, -9.0677,
-14.0282

22.7991, -5.3379,
-12.7458

72.1234, -10.0223,
-14.1827

15.3750, -4.3940,
-12.2903

84.0253, -10.9911,
-14.2761

8.9845, -3.8146,
-11.9450

96.5182, -11.9752,
-14.3121

0.0000, NaN, -NF

0.0000, NaN, NaN

109.5754,
-12.9754, -14.2942

0.0000, NaN, NaN

123.1734,

0.0000, NaN, NaN

-13.9921, -14.2255

0.0000, NaN, NaN

137.2916,
-15.0257, -14.1088

■ 40.3017, -7.1932,
-13.5225

■ 40.3017, -7.1932,
-13.5225

■ 38.0338, -7.1434,
-17.1991

■ 42.6930, -6.8491,
-9.9020

■ 35.8962, -6.6618,
-20.9202

■ 45.1963, -6.1495,
-6.3484

■ 33.8980, -5.7171,
-24.6652

■ 47.8035, -5.1325,
-2.8647

■ 32.0454, -4.2908,
-28.4096

■ 50.5066, -3.8331,
0.5486

■ 30.3311, -2.4203,
-32.1507

■ 53.2980, -2.2832,
3.8935

■ 29.8032, -1.8004,
-33.3649

■ 56.1709, -0.5110,
7.1733

■ 59.1192, 1.4587,
10.3925

■ 62.1374, 3.6044,
13.5558

■ 65.2207, 5.9072,
16.6683

Harmonies

Analogous

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



40.3025, -12.9984, -7.9736



40.3017, -7.1932, -13.5225



40.3025, 0.3997, -14.4538

Triad

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



40.3025, -7.1934, -13.5217



40.3025, 13.6338, 4.5192



40.3025, -11.2529, 11.6548

Complementary

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



40.3017, -7.1932, -13.5225



39.8304, 8.2030, 14.5081

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.



40.3025, -4.6429, 13.8262



40.3017, -7.1932, -13.5225



40.3025, 9.9773, 10.2523

Square

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



40.3025, -7.1934, -13.5217



40.3025, 12.8212, -3.0407



40.3025, 3.1488, 13.3666



40.3025, -15.2163, 6.8085

Rectangle

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



40.3017, -7.1932, -13.5225



40.3025, 5.5166, -12.1814



40.3025, 3.1488, 13.3666



40.3025, -9.2881, 12.6759

Sweetspot

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



40.3025, -7.1934, -13.5217



64.8841, -6.4582, -2.6574



47.0477, -24.7174, 12.8194



30.7367, -3.2440, -1.7033



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



40.3025, -7.1934, -13.5217



50.7995, -9.5476, -23.1809



31.3567, 8.2848, -29.6697



24.0200, -2.0032, -0.1153



28.0979, -1.8148, -31.2024



3.4408, -1.2110, -1.6864

Inverse Universe

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



35.0619, 25.8170, -6.4031



43.0630, 42.6138, -9.9907



48.7247, -7.1559, 21.5779



23.4009, 1.2975, 0.3296



24.0486, 43.7619, -4.4443



2.4418, 4.6018, -1.6789

Previews

White Background



This preview shows how the HunterLab color 40.3017, -7.1932, -13.5225 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 40.3017, -7.1932, -13.5225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

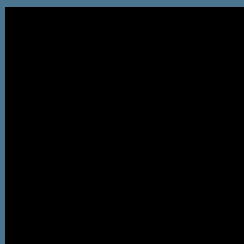
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

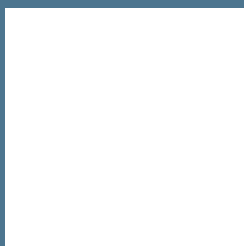
Any Text WCAG AAA × Fail

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

HunterLab 40.3017, -7.1932, -13.5225 Background



This preview shows how black text looks on a background with the HunterLab color 40.3017, -7.1932, -13.5225.



This preview shows how white text looks on a background with the HunterLab color 40.3017, -7.1932, -13.5225.

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

40.3017, -7.1932, -13.5225

Protanopia

40.2581, 0.9234, -10.5889

Deuteranopia

40.2485, 2.7969, -14.6115



Tritanopia

40.1950, -11.5808, -6.0701

Trichromacy



Original Color

40.3017, -7.1932, -13.5225

Protanomaly

40.1041, -2.2841, -12.0086

Deuteranomaly

40.2536, -1.4659, -14.0851

Tritanomaly

40.1180, -10.0103, -8.7874

Monochromacy



Original Color

40.3017, -7.1932, -13.5225

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

39.0335, -4.4719, -3.5026

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3017, -7.1932, -13.5225 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(76, 117, 143)` looks like.

```
.text, #text, p{  
    color:rgb(76, 117, 143)  
}
```

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(76, 117, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 117, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3017, -7.1932, -13.5225 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(76, 117, 143) }
```


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

```
.border{ border-color:rgb(76, 117, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 117, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 117, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 117, 143);  
box-shadow:4px 4px 4px 4px rgb(76, 117,  
143) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3017, -7.1932, -13.5225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 117, 143) }
```

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

```
.background{ background-color: rgb(76, 117,  
143) }
```

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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