

Converting Colors

HunterLab(40.7957, -25.4202,
5.8417)

Have a look what the booklet for
HunterLab(40.7957, -25.4202,
5.8417) contains.

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Color

**HunterLab(40.7140,
-25.2744, 5.5731)**

Conversions

Conversions Part 1

Format	Color
Hex	138068
RGB	19, 128, 104
RGB Percent	7%, 50%, 41%
CMY	0.9255, 0.4980, 0.5922
CMYK	0.85, 0.00, 0.19, 0.50
HSL	167°, 74%, 29%
HSV	167°, 85%, 50%
XYZ	10.4864, 16.5763, 15.7436
YIQ	92.6730, -57.2600, -30.5720

Conversions

Conversions Part 2

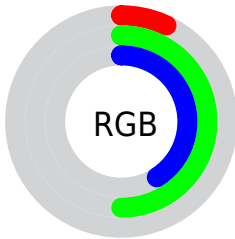
Format	Color
R_{YB}	19, 80, 128
Decimal	1278056
CIE _{Lab}	47.72, -34.85, 4.89
CIE _{LCh}	48, 35.194, 172.009
Yxy	16.5769, 0.2450, 0.3872
Android (android.graphics.Color)	4279468136 (0xFF138068)
YUV	92.6730, 5.5842, -64.6112
Hunter-Lab	40.7140, -25.2744, 5.5731

Details

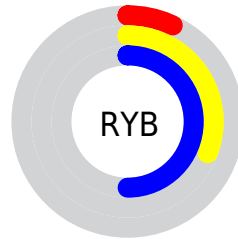
The HunterLab color **40.7140, -25.2744, 5.5731** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **22.8688, 34.6897, 8.7716**, and the grayscale version is **32.9602, -1.7587, 1.7908**.

A 20% lighter version of the original color is **61.4441, -30.8602, 7.3981**, and **23.9670, -16.1515, 4.9097** is the 20% darker color. If you saturate the color by 10%, you get **40.5242, -26.1867, 6.4304**, and if you desaturate by 10%, it is **40.9886, -24.0290, 4.7874**.

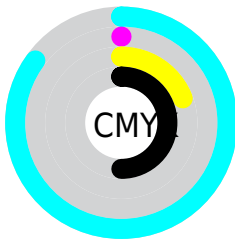
Distribution



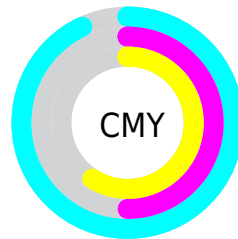
- Red (7%)
- Green (50%)
- Blue (41%)



- Red (7%)
- Yellow (31%)
- Blue (50%)



- Cyan (85%)
- Magenta (0%)
- Yellow (19%)
- Black (50%)



- Cyan (93%)
- Magenta (50%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7140, -25.2744, 5.5731 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 40.7140, -25.2744, 5.5731 by changing the saturation by 10% instead.

■ 40.7140, -25.2744,
5.5731

■ 40.7140, -25.2744,
5.5731

152.5524,
-46.8792, 13.6576

■ 31.5172, -22.3760,
4.7724

■ 61.3163, -30.5987,
7.2276

■ 23.1404, -19.2376,
3.9835

■ 72.6238, -33.0970,
8.0839

■ 15.6745, -15.7462,
3.1987

■ 84.5517, -35.5171,
8.9608

■ 9.2462, -16.1809,
2.6966

■ 97.0695, -37.8746,
9.8585

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.1504,
-40.1812, 10.7772

0.0000, NaN, NaN

■ 123.7712,

0.0000, NaN, NaN

-42.4463, 11.7167

0.0000, NaN, NaN

137.9114,
-44.6769, 12.6769

■ 40.7140, -25.2744,
5.5731

■ 40.7140, -25.2744,
5.5731

■ 40.5242, -26.1867,
6.4304

■ 40.9886, -24.0290,
4.7874

■ 40.4419, -26.5882,
6.8474

■ 41.3592, -22.4044,
4.0935

■ 41.8340, -20.3846,
3.5058

■ 42.4181, -17.9663,
3.0357

■ 43.1144, -15.1570,
2.6912

■ 43.9246, -11.9733,
2.4772

■ 44.8484, -8.4386,
2.3960

■ 45.8847, -4.5816,
2.4472

■ 47.0311, -0.4335,
2.6280

Harmonies

Analogous

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



40.7148, -21.0595, 14.9000



40.7140, -25.2744, 5.5731



40.7148, -23.9841, -8.4319

Triad

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



40.7148, -25.2746, 5.5735



40.7148, 8.2620, -28.8462



40.7148, 15.4929, 17.5206

Complementary

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



40.7140, -25.2744, 5.5731



22.8688, 34.6897, 8.7716

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.



40.7148, 25.4840, 10.5915



40.7140, -25.2744, 5.5731



40.7148, 20.9369, -16.5991

Square

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



40.7148, -25.2746, 5.5735



40.7148, -5.8005, -31.5724



40.7148, 27.5988, -1.4538



40.7148, 1.5827, 20.1343

Rectangle

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



40.7140, -25.2744, 5.5731



40.7148, -20.0859, -18.5720



40.7148, 27.5988, -1.4538



40.7148, 19.4936, 15.7560

Sweetspot

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



40.7148, -25.2746, 5.5735



58.1174, -16.5279, 3.3172



40.0390, -30.4142, 23.2266



27.9666, -8.6012, 1.6395



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



40.7148, -25.2746, 5.5735



53.6408, -35.4037, 9.3802



32.5711, -9.7539, -17.2768



22.0708, -2.9804, 1.1706



40.2706, -26.4738, 6.8146

0.0000, NaN, NaN

Inverse Universe

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



22.8688, 34.6897, 8.7716



28.6539, 49.5258, 14.9867



25.9927, 23.7347, 15.0261



20.8772, 0.7733, 1.2125



21.5284, 37.2592, 10.8793

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.7140, -25.2744, 5.5731 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 40.7140, -25.2744, 5.5731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

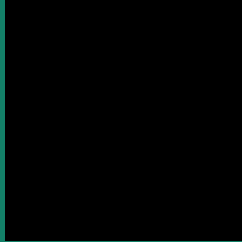
Any Text WCAG AA × Fail

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 40.7140, -25.2744, 5.5731 Background



This preview shows how black text looks on a background with the HunterLab color 40.7140, -25.2744, 5.5731.



This preview shows how white text looks on a background with the HunterLab color 40.7140,

-25.2744, 5.5731.

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

40.7140, -25.2744, 5.5731

Protanopia

40.3540, -2.6028, 8.5612

Deuteranopia

40.4722, 2.5319, 4.1992



Tritanopia

40.7784, -16.7964, -7.9595

Trichromacy



Original Color

40.7140, -25.2744, 5.5731

Protanomaly

39.5620, -14.1422, 6.4396

Deuteranomaly

39.4091, -11.2748, 3.1592

Tritanomaly

40.5430, -20.0175, -2.7717

Monochromacy



Original Color

40.7140, -25.2744, 5.5731

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

35.1132, -12.8571, 2.3154

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7140, -25.2744, 5.5731 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(19, 128, 104)` looks like.

```
.text, #text, p{  
    color:rgb(19, 128, 104)  
}
```

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(19, 128, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 128, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7140, -25.2744, 5.5731 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(19, 128, 104) }
```


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

```
.border{ border-color:rgb(19, 128, 104) }
```

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

Here you see how a box with a 4 pixel rgb(19, 128, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 128, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 128, 104);  
box-shadow:4px 4px 4px 4px rgb(19, 128,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7140, -25.2744, 5.5731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 128, 104) }
```

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

```
.background{ background-color: rgb(19, 128,  
104) }
```

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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