

Converting Colors

HunterLab(40.4103, -18.0385,
-5.3789)

Have a look what the booklet for
HunterLab(40.4103, -18.0385,
-5.3789) contains.

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Color

**HunterLab(40.5277,
-18.1632, -5.2215)**

Conversions

Conversions Part 1

Format	Color
Hex	287C80
RGB	40, 124, 128
RGB Percent	16%, 49%, 50%
CMY	0.8431, 0.5137, 0.4980
CMYK	0.69, 0.03, 0.00, 0.50
HSL	183°, 52%, 33%
HSV	183°, 69%, 50%
XYZ	11.9790, 16.4249, 22.9611
YIQ	99.3400, -51.3480, -16.5640

Conversions

Conversions Part 2

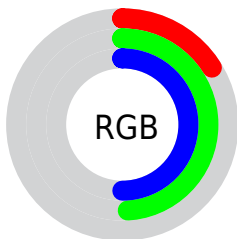
Format	Color
R_{YB}	40, 83, 128
Decimal	2653312
CIE _{Lab}	47.53, -23.14, -9.51
CIE _{LCh}	48, 25.017, 202.352
Yxy	16.4256, 0.2332, 0.3198
Android (android.graphics.Color)	4280843392 (0xFF287C80)
YUV	99.3400, 14.1294, -52.0412
Hunter-Lab	40.5277, -18.1632, -5.2215

Details

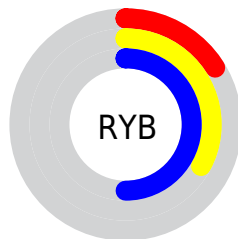
The HunterLab color $40.5277, -18.1632, -5.2215$ is a dark color, and the websafe version is hex `006666`. A complement of this color would be $25.5815, 26.3080, 11.5701$, and the grayscale version is $35.4141, -1.8896, 1.9241$.

A 20% lighter version of the original color is $61.1369, -22.0279, -5.1089$, and $23.6573, -11.7673, -4.1672$ is the 20% darker color. If you saturate the color by 10%, you get $40.0809, -18.9754, -5.8445$, and if you desaturate by 10%, it is $41.0758, -16.9742, -4.4648$.

Distribution



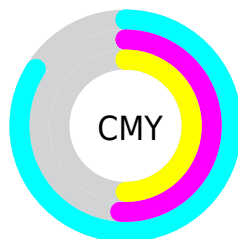
- Red (16%)
- Green (49%)
- Blue (50%)



- Red (16%)
- Yellow (33%)
- Blue (50%)



- Cyan (69%)
- Magenta (3%)
- Yellow (0%)
- Black (50%)



- Cyan (84%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.5277, -18.1632, -5.2215 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 40.5277, -18.1632, -5.2215 by changing the saturation by 10% instead.

40.5277, -18.1632,
-5.2215

40.5277, -18.1632,
-5.2215

152.2629,
-34.2923, -2.6960

31.3461, -16.1228,
-5.2192

61.1027, -21.9928,
-5.0193

22.9861, -13.9493,
-5.1378

72.3977, -23.8250,
-4.8291

15.5390, -11.5733,
-4.9669

84.3139, -25.6202,
-4.5859

9.1290, -11.5316,
-4.7116

96.8205, -27.3874,
-4.2939

0.0000, NaN, -NF

0.0000, NaN, NaN

109.8907,
-29.1335, -3.9562

0.0000, NaN, NaN

123.5012,

0.0000, NaN, NaN

-30.8637, -3.5757

0.0000, NaN, NaN

137.6314,
-32.5822, -3.1550

■ 40.5277, -18.1632,
-5.2215

■ 40.5277, -18.1632,
-5.2215

■ 40.0809, -18.9754,
-5.8445

■ 41.0758, -16.9742,
-4.4648

■ 39.7254, -19.4333,
-6.3419

■ 41.7280, -15.3984,
-3.5745

■ 39.4349, -19.6387,
-6.7490

■ 42.4882, -13.4373,
-2.5525

■ 39.3990, -19.6626,
-6.7995

■ 43.3579, -11.1012,
-1.4041

■ 44.3368, -8.4079,
-0.1372

■ 45.4237, -5.3803,
1.2391

■ 46.6163, -2.0451,
2.7143

■ 47.9116, 1.5695,
4.2779

■ 49.3057, 5.4343,
5.9192

Harmonies

Analogous

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



40.5285, -19.2027, 4.5203



40.5277, -18.1632, -5.2215



40.5285, -13.0456, -14.7102

Triad

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



40.5285, -18.1633, -5.2209



40.5285, 13.8624, -10.3431



40.5285, 0.3742, 16.2555

Complementary

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



40.5277, -18.1632, -5.2215



25.5815, 26.3080, 11.5701

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.



40.5285, 10.0010, 13.9884



40.5277, -18.1632, -5.2215



40.5285, 18.2559, -0.2532

Square

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



40.5285, -18.1633, -5.2209



40.5285, 5.2541, -18.1237



40.5285, 16.7795, 8.4487



40.5285, -9.0854, 15.5308

Rectangle

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



40.5277, -18.1632, -5.2215



40.5285, -7.7215, -18.8658



40.5285, 16.7795, 8.4487



40.5285, 3.7086, 15.8413

Sweetspot

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



40.5285, -18.1633, -5.2209



58.4601, -12.1798, -0.6570



40.0796, -29.9254, 20.8008



28.1410, -6.2958, -0.5064



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.



40.5285, -18.1633, -5.2209



52.9259, -25.5466, -8.1144



28.1158, -0.1953, -25.7450



22.0328, -2.6658, 0.5774



39.2331, -19.5802, -6.7698

0.0000, NaN, NaN

Inverse Universe

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



27.4999, 38.2005, -23.4998



33.9461, 58.5995, -35.8033



33.9831, 7.1763, 17.5627



20.9980, 1.4222, -0.5059

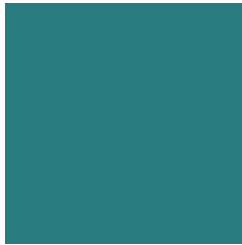


24.3893, 47.4987, -28.6681

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.5277, -18.1632, -5.2215 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 40.5277, -18.1632, -5.2215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

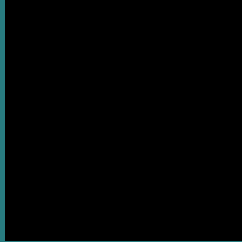
Any Text WCAG AA × Fail

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 40.5277, -18.1632, -5.2215 Background



This preview shows how black text looks on a background with the HunterLab color 40.5277, -18.1632, -5.2215.



This preview shows how white text looks on a background with the HunterLab color 40.5277, -18.1632, -5.2215.

-18.1632, -5.2215.

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

40.5277, -18.1632, -5.2215

Protanopia

40.2116, -0.4259, -1.4293

Deuteranopia

40.1913, 2.9675, -6.8589



Tritanopia

40.4635, -16.4945, -7.8701

Trichromacy



Original Color

40.5277, -18.1632, -5.2215

Protanomaly

39.8739, -8.6364, -3.4447

Deuteranomaly

39.5886, -6.2592, -7.3444

Tritanomaly

40.3694, -16.9915, -6.9588

Monochromacy



Original Color

40.5277, -18.1632, -5.2215

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

36.7023, -9.1801, -1.3755

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.5277, -18.1632, -5.2215 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(40, 124, 128)` looks like.

```
.text, #text, p{  
    color:rgb(40, 124, 128)  
}
```

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(40, 124, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 124, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 40.5277, -18.1632, -5.2215 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(40, 124, 128) }
```


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

```
.border{ border-color:rgb(40, 124, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 124, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 124, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 124, 128);  
box-shadow:4px 4px 4px 4px rgb(40, 124,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.5277, -18.1632, -5.2215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 124, 128) }
```

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

```
.background{ background-color: rgb(40, 124,  
128) }
```

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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