

Converting Colors

HunterLab(40.2825, -18.8850,
2.0083)

Have a look what the booklet for
HunterLab(40.2825, -18.8850,
2.0083) contains.

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Color

**HunterLab(40.2200,
-18.7325, 1.8580)**

Conversions

Conversions Part 1

Format	Color
Hex	387B70
RGB	56, 123, 112
RGB Percent	22%, 48%, 44%
CMY	0.7804, 0.5176, 0.5608
CMYK	0.54, 0.00, 0.09, 0.52
HSL	170°, 37%, 35%
HSV	170°, 54%, 48%
XYZ	11.6385, 16.1765, 17.8382
YIQ	101.7130, -36.4010, -17.6250

Conversions

Conversions Part 2

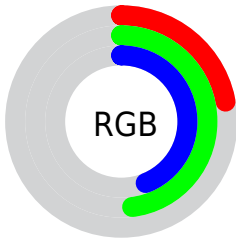
Format	Color
R_{YB}	56, 92, 123
Decimal	3701616
CIE _{Lab}	47.21, -24.15, -0.46
CIE _{LCh}	47, 24.153, 181.093
Yxy	16.1771, 0.2549, 0.3543
Android (android.graphics.Color)	4281891696 (0xFF387B70)
YUV	101.7130, 5.0715, -40.0903
Hunter-Lab	40.2200, -18.7325, 1.8580

Details

The HunterLab color **40.2200, -18.7325, 1.8580** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **27.2855, 21.5700, 5.6508**, and the grayscale version is **36.3350, -1.9387, 1.9742**.

A 20% lighter version of the original color is **60.8130, -22.6724, 2.8334**, and **22.9515, -13.9232, 1.3687** is the 20% darker color. If you saturate the color by 10%, you get **39.7752, -20.5891, 2.1674**, and if you desaturate by 10%, it is **40.7697, -16.5018, 1.6729**.

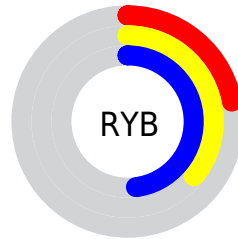
Distribution



Red (22%)

Green (48%)

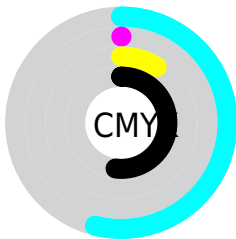
Blue (44%)



Red (22%)

Yellow (36%)

Blue (48%)

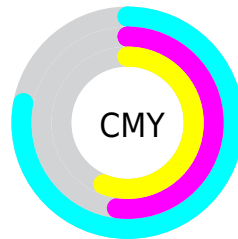


Cyan (54%)

Magenta (0%)

Yellow (9%)

Black (52%)



Cyan (78%)

Magenta (52%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2200, -18.7325, 1.8580 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 40.2200, -18.7325, 1.8580 by changing the saturation by 10% instead.

40.2200, -18.7325,
1.8580

40.2200, -18.7325,
1.8580

151.7843,
-35.3370, 7.7483

31.0638, -16.6159,
1.3871

60.7498, -22.6937,
2.9276

22.7316, -14.3553,
0.9633

72.0243, -24.5838,
3.5193

15.3157, -11.8760,
0.5930

83.9210, -26.4332,
4.1460

8.9317, -12.2583,
0.2723

96.4089, -28.2515,
4.8059

0.0000, NaN, NaN

0.0000, NaN, NaN

109.4614,
-30.0460, 5.4974

0.0000, NaN, NaN

123.0549,

0.0000, NaN, NaN

-31.8222, 6.2190

0.0000, NaN, NaN

137.1687,
-33.5847, 6.9697

■ 40.2200, -18.7325,
1.8580

■ 40.2200, -18.7325,
1.8580

■ 39.7752, -20.5891,
2.1674

■ 40.7697, -16.5018,
1.6729

■ 39.4283, -22.0741,
2.5911

■ 41.4248, -13.9023,
1.6160

■ 39.1731, -23.2034,
3.1179

■ 42.1876, -10.9492,
1.6902

■ 38.9977, -24.0162,
3.7297

■ 43.0581, -7.6637,
1.8953

■ 38.9125, -24.4190,
4.0764

■ 44.0351, -4.0719,
2.2287

■ 45.1165, -0.2026,
2.6859

■ 46.2994, 3.9140,
3.2610

■ 47.5803, 8.2476,
3.9470

■ 48.9553, 12.7692,
4.7363

Harmonies

Analogous

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



40.2208, -16.8347, 9.6725



40.2200, -18.7325, 1.8580



40.2208, -16.5395, -7.7860

Triad

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



40.2208, -18.7328, 1.8585



40.2208, 7.6601, -15.5781



40.2208, 7.0059, 14.5601

Complementary

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



40.2200, -18.7325, 1.8580



27.2855, 21.5700, 5.6508

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.



40.2208, 14.6027, 10.1237



40.2200, -18.7325, 1.8580



40.2208, 15.0042, -7.0820

Square

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



40.2208, -18.7328, 1.8585



40.2208, -1.8014, -19.1795



40.2208, 17.6531, 2.5174



40.2208, -2.4939, 15.9081

Rectangle

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



40.2200, -18.7325, 1.8580



40.2208, -12.9238, -13.6956



40.2208, 17.6531, 2.5174



40.2208, 9.8966, 13.4401

Sweetspot

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



40.2208, -18.7328, 1.8585



57.3837, -11.1337, 2.4699



39.5617, -23.5565, 18.3577



27.7513, -5.7671, 1.1733



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.



40.2208, -18.7328, 1.8585



53.1163, -28.0154, 3.0085



33.9325, -7.6827, -11.9690



21.2172, -2.8037, 1.0030



39.5764, -24.8412, 4.1581



86.3753, -54.6284, 9.9655

Inverse Universe

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



27.2855, 21.5700, 5.6508



32.9806, 35.7416, 9.4995



31.6121, 10.3532, 12.6427



20.0619, 0.6834, 1.2847



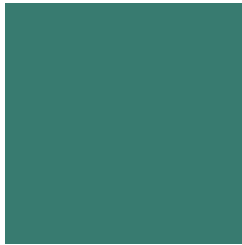
20.9966, 36.2067, 11.6342



45.7633, 78.7279, 26.8057

Previews

White Background



This preview shows how the HunterLab color 40.2200, -18.7325, 1.8580 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 40.2200, -18.7325, 1.8580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

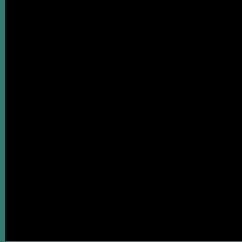
Any Text WCAG AA × Fail

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 40.2200, -18.7325, 1.8580 Background



This preview shows how black text looks on a background with the HunterLab color 40.2200, -18.7325, 1.8580.



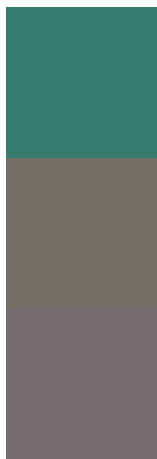
This preview shows how white text looks on a background with the HunterLab color 40.2200, -18.7325, 1.8580.

-18.7325, 1.8580.

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

40.2200, -18.7325, 1.8580

Protanopia

40.0420, -1.8490, 4.8524

Deuteranopia

39.9450, 2.5010, 0.5830



Tritanopia

40.0859, -13.4540, -6.7715

Trichromacy



Original Color

40.2200, -18.7325, 1.8580

Protanomaly

39.6533, -8.8317, 3.0665

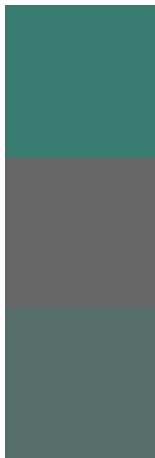
Deuteranomaly

39.4545, -6.2849, 0.2785

Tritanomaly

40.0817, -15.4731, -3.2918

Monochromacy



Original Color

40.2200, -18.7325, 1.8580

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

37.5816, -9.1339, 1.4856

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2200, -18.7325, 1.8580 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(56, 123, 112)` looks like.

```
.text, #text, p{  
    color:rgb(56, 123, 112)  
}
```

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(56, 123, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 123, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2200, -18.7325, 1.8580 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(56, 123, 112) }
```


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

```
.border{ border-color:rgb(56, 123, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 123, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 123, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 123, 112);  
box-shadow:4px 4px 4px 4px rgb(56, 123,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2200, -18.7325, 1.8580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 123, 112) }
```

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

```
.background{ background-color: rgb(56, 123,  
112) }
```

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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