

Converting Colors

HunterLab(17.4242, -2.8022,
-9.2249)

Have a look what the booklet for
HunterLab(17.4242, -2.8022,
-9.2249) contains.

HunterLab(17.3681, -2.7457, -9.1262)	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(17.3681, -2.7457,
-9.1262)**

Conversions

Conversions Part 1

Format	Color
Hex	193346
RGB	25, 51, 70
RGB Percent	10%, 20%, 27%
CMY	0.9020, 0.8000, 0.7255
CMYK	0.64, 0.27, 0.00, 0.73
HSL	205°, 47%, 19%
HSV	205°, 64%, 27%
XYZ	2.6902, 3.0165, 6.2348
YIQ	45.3920, -21.5950, 0.3970

Conversions

Conversions Part 2

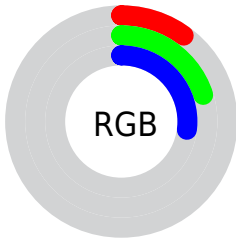
Format	Color
R_{YB}	25, 41, 70
Decimal	1651526
CIE _{Lab}	20.11, -3.27, -14.83
CIE _{LCh}	20, 15.185, 257.567
Yxy	3.0166, 0.2253, 0.2526
Android (android.graphics.Color)	4279841606 (0xFF193346)
YUV	45.3920, 12.1317, -17.8838
Hunter-Lab	17.3681, -2.7457, -9.1262

Details

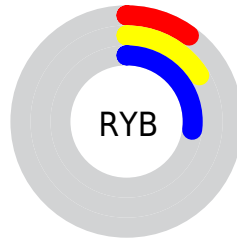
The HunterLab color **17.3681, -2.7457, -9.1262** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.8150, 4.9146, 8.0024**, and the grayscale version is **16.2950, -0.8695, 0.8853**.

A 20% lighter version of the original color is **33.5766, -4.0427, -9.6463**, and **3.5007, 5.0680, -15.3160** is the 20% darker color. If you saturate the color by 10%, you get **16.3964, -2.4159, -10.8916**, and if you desaturate by 10%, it is **18.3945, -2.9003, -7.3929**.

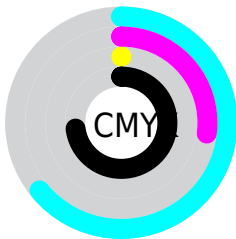
Distribution



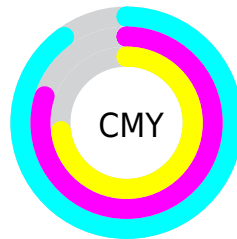
- Red (10%)
- Green (20%)
- Blue (27%)



- Red (10%)
- Yellow (16%)
- Blue (27%)



- Cyan (64%)
- Magenta (27%)
- Yellow (0%)
- Black (73%)



- Cyan (90%)
- Magenta (80%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.3681, -2.7457, -9.1262 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 17.3681, -2.7457, -9.1262 by changing the saturation by 10% instead.

■ 17.3681, -2.7457,
-9.1262

■ 17.3681, -2.7457,
-9.1262

■ 113.3546, -9.5034,
-9.8461

■ 10.6790, -2.1038,
-8.7217

■ 33.6416, -4.0802,
-9.7645

■ 1.1052, -1.9340,
-55.6952

■ 43.0246, -4.7816,
-9.9697

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.1470, -5.5075,
-10.1021

0.0000, NaN, NaN

■ 63.9581, -6.2581,
-10.1672

0.0000, NaN, NaN

■ 75.4168, -7.0334,
-10.1698

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.4882, -7.8330,

-10.1145

0.0000, NaN, NaN

■ 100.1427, -8.6565,
-10.0055

■ 17.3681, -2.7457,
-9.1262

■ 17.3681, -2.7457,
-9.1262

■ 16.3964, -2.4159,
-10.8916

■ 18.3945, -2.9003,
-7.3929

■ 15.4822, -1.8981,
-12.6832

■ 19.4708, -2.8946,
-5.6972

■ 14.6064, -1.2627,
-14.5421

■ 20.5936, -2.7439,
-4.0408

■ 14.1064, -0.9052,
-15.6776

■ 21.7591, -2.4629,
-2.4240

■ 22.9642, -2.0655,
-0.8459

■ 24.2058, -1.5642,
0.6952

■ 25.4811, -0.9701,
2.2018

■ 26.7877, -0.2932,
3.6764

■ 28.1234, 0.4579,
5.1218

Harmonies

Analogous

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



17.3684, -6.3720, -6.2651



17.3681, -2.7457, -9.1262



17.3684, 1.7527, -8.8356

Triad

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



17.3684, -2.7457, -9.1258



17.3684, 8.0828, 3.2438



17.3684, -6.8456, 5.6199

Complementary

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



17.3681, -2.7457, -9.1262



17.8150, 4.9146, 8.0024

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.



17.3684, -3.4548, 7.0891



17.3681, -2.7457, -9.1262



17.3684, 5.2827, 5.9759

Square

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



17.3684, -2.7457, -9.1258



17.3684, 8.3222, -0.9152



17.3684, 0.9683, 7.2003



17.3684, -8.5728, 2.6205

Rectangle

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



17.3681, -2.7457, -9.1262



17.3684, 4.6494, -6.8955



17.3684, 0.9683, 7.2003



17.3684, -5.8792, 6.2721

Sweetspot

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



17.3684, -2.7457, -9.1258



29.4071, -3.0305, -2.2545



21.8335, -13.3463, 6.8156



14.7529, -1.5665, -1.2831



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



17.3684, -2.7457, -9.1258



20.9050, -2.8147, -15.7546



12.3106, 6.5823, -20.2058



12.6088, -0.9557, 0.0168



19.7013, -0.4134, -23.7325



46.7009, 2.3291, -63.3998

Inverse Universe

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



14.9548, 15.2592, -2.9352



17.7563, 24.5405, -3.8249



23.0175, -4.1101, 11.7420



12.3545, 0.4660, 0.2881



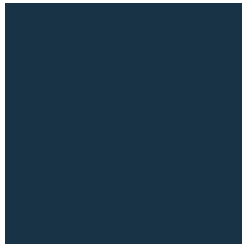
17.2571, 31.2918, -2.3251



42.3850, 76.4597, -2.6436

Previews

White Background



This preview shows how the HunterLab color 17.3681, -2.7457, -9.1262 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

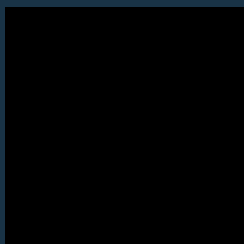
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

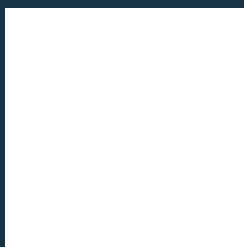
Any Text WCAG AAA × Fail

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

HunterLab 17.3681, -2.7457, -9.1262 Background



This preview shows how black text looks on a background with the HunterLab color 17.3681, -2.7457, -9.1262.



This preview shows how white text looks on a background with the HunterLab color 17.3681, -2.7457, -9.1262.

-9.1262.

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

17.3681, -2.7457, -9.1262

Protanopia

17.4495, 1.1401, -7.8098

Deuteranopia

17.3780, 1.1157, -9.6107



Tritanopia

17.2635, -6.5717, -3.2252

Trichromacy



Original Color

17.3681, -2.7457, -9.1262

Protanomaly

17.3244, -0.4376, -8.6009

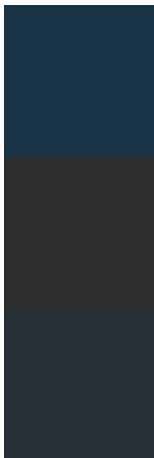
Deuteranomaly

17.3461, -0.2172, -9.6910

Tritanomaly

17.2140, -5.1677, -5.1804

Monochromacy



Original Color

17.3681, -2.7457, -9.1262

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.4665, -1.9141, -2.4533

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.3681, -2.7457, -9.1262 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(25, 51, 70)` looks like.

```
.text, #text, p{  
    color:rgb(25, 51, 70)  
}
```

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(25, 51, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 51, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 17.3681, -2.7457, -9.1262 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(25, 51, 70) }
```


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

```
.border{ border-color:rgb(25, 51, 70) }
```

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

Here you see how a box with a 4 pixel rgb(25, 51, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 51, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 51, 70);  
box-shadow:4px 4px 4px 4px rgb(25, 51, 70)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.3681, -2.7457, -9.1262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 51, 70) }
```

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

```
.background{ background-color: rgb(25, 51,  
70) }
```

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