

# Converting Colors

HunterLab(17.8754, -6.8327,  
6.2516)

Have a look what the booklet for  
HunterLab(17.8754, -6.8327, 6.2516)  
contains.

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# Color

**HunterLab(17.8710, -6.7537,  
6.3602)**

# Conversions

## Conversions Part 1

Format	Color
Hex	283620
RGB	40, 54, 32
RGB Percent	16%, 21%, 13%
CMY	0.8431, 0.7882, 0.8745
CMYK	0.26, 0.00, 0.41, 0.79
HSL	98°, 26%, 17%
HSV	98°, 41%, 21%
XYZ	2.4549, 3.1937, 1.8536
YIQ	47.3060, -1.2820, -9.8100

# Conversions

## Conversions Part 2

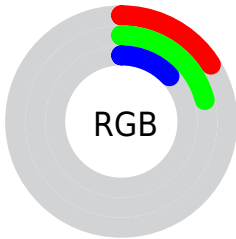
<b>Format</b>	<b>Color</b>
<b>RYB</b>	32, 54, 46
Decimal	2635296
CIELab	20.80, -10.84, 12.01
CIELCh	21, 16.174, 132.075
Yxy	3.1939, 0.3272, 0.4257
Android (android.graphics.Color)	4280825376 (0xFF283620)
YUV	47.3060, -7.5459, -6.4074
Hunter-Lab	17.8710, -6.7537, 6.3602

# Details

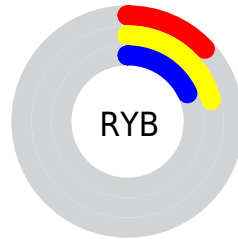
The HunterLab color **17.8710, -6.7537, 6.3602** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.7124, 6.0633, -6.5353**, and the grayscale version is **16.9864, -0.9064, 0.9229**.

A 20% lighter version of the original color is **34.3622, -9.2472, 9.2143**, and **3.2946, -2.8251, 1.9806** is the 20% darker color. If you saturate the color by 10%, you get **17.6098, -7.9104, 7.3024**, and if you desaturate by 10%, it is **18.1594, -5.4931, 5.2707**.

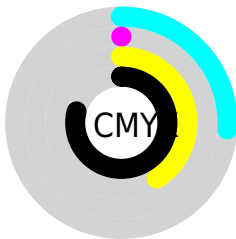
# Distribution



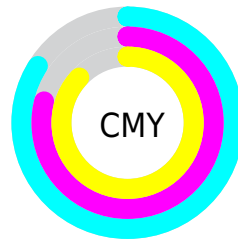
- Red (16%)
- Green (21%)
- Blue (13%)



- Red (13%)
- Yellow (21%)
- Blue (18%)



- Cyan (26%)
- Magenta (0%)
- Yellow (41%)
- Black (79%)



- Cyan (84%)
- Magenta (79%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.8710, -6.7537, 6.3602 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 17.8710, -6.7537, 6.3602 by changing the saturation by 10% instead.



■ 17.8710, -6.7537,  
6.3602

■ 17.8710, -6.7537,  
6.3602

■ 114.2913,  
-17.4123, 17.7209

■ 11.1075, -5.4147,  
5.3039

■ 34.2676, -9.2141,  
9.0441

■ 2.9837, -5.2215,  
2.0886

■ 43.7037, -10.3956,  
10.3137

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.8753, -11.5642,  
11.5606

0.0000, NaN, NaN

■ 64.7327, -12.7276,  
12.7951

0.0000, NaN, NaN

■ 76.2349, -13.8909,  
14.0243


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 88.3477, -15.0579,


15.2528


0.0000, NaN, NaN


 101.0417,  
-16.2311, 16.4841


 17.8710, -6.7537,  
6.3602


 17.8710, -6.7537,  
6.3602


 17.6098, -7.9104,  
7.3024


 18.1594, -5.4931,  
5.2707


 17.3746, -8.9573,  
8.0950


 18.4736, -4.1331,  
4.0371


 17.1658, -9.8910,  
8.7381

 18.8137, -2.6805,  
2.6649

 16.9830, -10.7097,  
9.2345

 19.1790, -1.1421,  
1.1601

 16.8209, -11.4412,  
9.6586

 19.5691, 0.4751,  
-0.4701

■ 16.6835, -12.0737,  
10.0689

■ 19.9832, 2.1641,  
-2.2182

■ 20.4207, 3.9181,  
-4.0766

■ 20.8807, 5.7303,  
-6.0373

■ 21.3624, 7.5946,  
-8.0926

# Harmonies

## Analogous

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



17.8714, -2.8534, 7.6281



17.8710, -6.7537, 6.3602



17.8714, -8.9500, 3.4806

# Triad

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



17.8714, -6.7541, 6.3604



17.8714, -3.7202, -9.6212



17.8714, 9.0485, 2.7216

# Complementary

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



17.8710, -6.7537, 6.3602



13.7124, 6.0633, -6.5353

# 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.



17.8714, 8.7529, -1.9610



17.8710, -6.7537, 6.3602



17.8714, 1.0271, -9.9830

# Square

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



17.8714, -6.7541, 6.3604



17.8714, -7.3305, -6.0061



17.8714, 5.6942, -6.8927



17.8714, 6.4634, 5.9322



# Rectangle

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



17.8710, -6.7537, 6.3602



17.8714, -9.3102, 0.6505



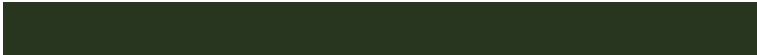
17.8714, 5.6942, -6.8927



17.8714, 9.2897, 1.2892

# Sweetspot

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



17.8714, -6.7541, 6.3604



24.6393, -3.8934, 3.8576



16.8448, -0.2679, 5.5650



12.8705, -2.0366, 2.0178



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165



# Same Dimension

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



17.8714, -6.7541, 6.3604



23.1166, -10.5193, 9.6938



17.5114, -8.0432, 5.2832



10.6172, -1.3077, 1.3057



28.1945, -21.1723, 17.0026



72.4663, -56.1321, 43.6707



# Inverse Universe

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



13.7124, 6.0633, -6.5353



16.3312, 10.5321, -11.6397



14.3422, 7.7203, -4.0072



10.1158, 0.2234, -0.2203



12.9671, 28.1384, -37.6036



32.6619, 71.6412, -100.6512



# Previews

## White Background



This preview shows how the HunterLab color 17.8710, -6.7537, 6.3602 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

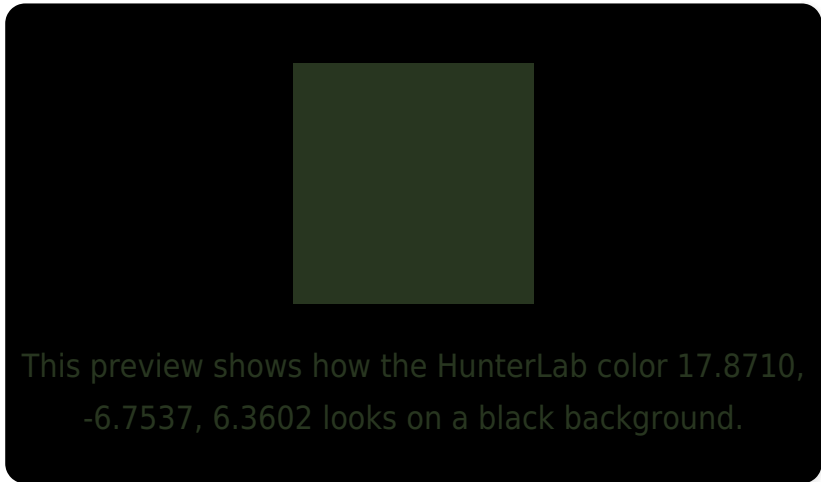
Any Text WCAG AA ✓ Pass

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 17.8710, -6.7537, 6.3602 Background



This preview shows how black text looks on a background with the HunterLab color 17.8710, -6.7537, 6.3602.



This preview shows how white text looks on a background with the HunterLab color 17.8710, -6.7537,



# 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

17.8710, -6.7537, 6.3602

### Protanopia

17.8526, -1.7415, 6.8910

### Deuteranopia

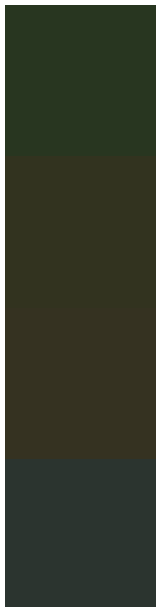
17.8448, 0.7304, 6.2281



**Tritanopia**

17.8296, -2.0474, -1.0686

# Trichromacy



## Original Color

17.8710, -6.7537, 6.3602

## Protanomaly

17.7333, -3.3870, 6.5337

## Deuteranomaly

17.7423, -2.0409, 6.0888

## Tritanomaly

17.8180, -3.7589, 1.9647

# Monochromacy



## Original Color

17.8710, -6.7537, 6.3602

## Achromatopsia

16.8600, -0.8996, 0.9160

## Achromatomaly

17.2738, -3.3906, 3.0661

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 17.8710, -6.7537, 6.3602 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, 54, 32)` looks like.

```
.text, #text, p{  
    color:rgb(40, 54, 32)  
}
```

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, 54, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 54, 32) }
```

## Border

The CSS property to change the border of an element to HunterLab 17.8710, -6.7537, 6.3602 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, 54, 32) }
```



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

```
.border{ border-color:rgb(40, 54, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 54, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 54, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 54, 32);  
box-shadow:4px 4px 4px 4px rgb(40, 54, 32)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 17.8710, -6.7537, 6.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 54, 32) }
```

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

```
.background{ background-color: rgb(40, 54,  
32) }
```

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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