

Converting Colors

HunterLab(37.8121, -22.3337,
3.7827)

Have a look what the booklet for
HunterLab(37.8121, -22.3337,
3.7827) contains.

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Color

**HunterLab(37.8516,
-22.2775, 3.6488)**

Conversions

Conversions Part 1

Format	Color
Hex	187765
RGB	24, 119, 101
RGB Percent	9%, 47%, 40%
CMY	0.9059, 0.5333, 0.6039
CMYK	0.80, 0.00, 0.15, 0.53
HSL	169°, 66%, 28%
HSV	169°, 80%, 47%
XYZ	9.3225, 14.3274, 14.5861
YIQ	88.5430, -50.8420, -25.7380

Conversions

Conversions Part 2

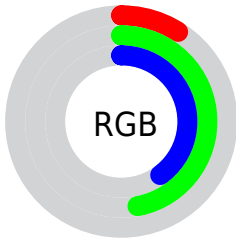
Format	Color
R_{YB}	24, 76, 119
Decimal	1603429
CIE Lab	44.70, -31.05, 2.32
CIE LCh	45, 31.133, 175.728
Yxy	14.3280, 0.2438, 0.3747
Android (android.graphics.Color)	4279793509 (0xFF187765)
YUV	88.5430, 6.1413, -56.6042
Hunter-Lab	37.8516, -22.2775, 3.6488

Details

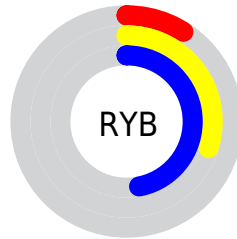
The HunterLab color **37.8516, -22.2775, 3.6488** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **21.7779, 30.3514, 7.9857**, and the grayscale version is **31.4311, -1.6771, 1.7077**.

A 20% lighter version of the original color is **58.0952, -27.1334, 5.0062**, and **21.5561, -14.0734, 3.4371** is the 20% darker color. If you saturate the color by 10%, you get **37.6418, -23.2412, 4.2947**, and if you desaturate by 10%, it is **38.1470, -20.9829, 3.0897**.

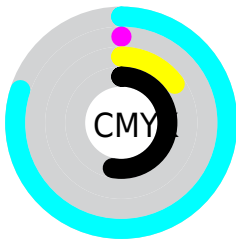
Distribution



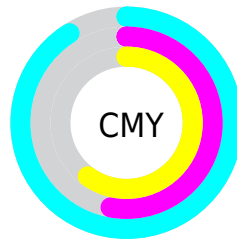
- Red (9%)
- Green (47%)
- Blue (40%)



- Red (9%)
- Yellow (30%)
- Blue (47%)



- Cyan (80%)
- Magenta (0%)
- Yellow (15%)
- Black (53%)



- Cyan (91%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.8516, -22.2775, 3.6488 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 37.8516, -22.2775, 3.6488 by changing the saturation by 10% instead.

■ 37.8516, -22.2775,
3.6488

■ 37.8516, -22.2775,
3.6488

148.0749,
-42.2365, 10.5971

■ 28.8949, -19.6092,
3.0185

■ 58.0257, -27.1766,
5.0006

■ 20.7826, -16.7125,
2.4180

■ 69.1388, -29.4779,
5.7199

■ 13.6149, -13.4838,
1.8465

■ 80.8826, -31.7100,
6.4673

■ 7.2131, -12.6229,
1.7254

■ 93.2250, -33.8874,
7.2418

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.1383,
-36.0212, 8.0428

0.0000, NaN, NaN

■ 119.5982,

0.0000, NaN, NaN

-38.1197, 8.8695

0.0000, NaN, NaN

133.5835,
-40.1897, 9.7211

■ 37.8516, -22.2775,
3.6488

■ 37.8516, -22.2775,
3.6488

■ 37.6418, -23.2412,
4.2947

■ 38.1470, -20.9829,
3.0897

■ 37.4821, -24.0016,
4.9830

■ 38.5334, -19.3360,
2.6295

■ 37.4794, -24.0146,
4.9947

■ 39.0171, -17.3286,
2.2790

■ 39.6017, -14.9628,
2.0457

■ 40.2892, -12.2493,
1.9343

■ 41.0802, -9.2062,
1.9467

■ 41.9741, -5.8565,
2.0824

■ 42.9693, -2.2273,
2.3390

■ 44.0632, 1.6529,
2.7122

Harmonies

Analogous

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



37.8523, -19.1646, 12.3987



37.8516, -22.2775, 3.6488



37.8523, -20.5395, -8.6816

Triad

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



37.8523, -22.2777, 3.6492



37.8523, 8.4529, -23.3211



37.8523, 11.7724, 16.0148

Complementary

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



37.8516, -22.2775, 3.6488



21.7779, 30.3514, 7.9857

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.



37.8523, 20.9238, 10.3574



37.8516, -22.2775, 3.6488



37.8523, 18.8470, -12.3924

Square

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



37.8523, -22.2777, 3.6492



37.8523, -3.7144, -26.7766



37.8523, 23.6599, 0.3996



37.8523, -0.2988, 17.9943

Rectangle

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



37.8516, -22.2775, 3.6488



37.8523, -16.7325, -17.1173



37.8523, 23.6599, 0.3996



37.8523, 15.3477, 14.5857

Sweetspot

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



37.8523, -22.2777, 3.6492



54.4484, -14.3196, 2.5763



37.1131, -27.6327, 21.0042



26.3582, -7.5431, 1.2548



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



37.8523, -22.2777, 3.6492



50.2048, -31.9020, 6.5628



29.8725, -8.0265, -16.3742



20.3567, -2.6982, 1.0160



38.6294, -24.7628, 5.1724



85.2052, -55.0880, 12.4201

Inverse Universe

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



21.7779, 30.3514, 7.9857



26.9753, 45.3485, 14.0029



25.4740, 18.6497, 14.0116



19.2644, 0.6607, 1.1802



20.5657, 35.5240, 10.9280



45.2920, 78.0233, 25.7050

Previews

White Background



This preview shows how the HunterLab color 37.8516, -22.2775, 3.6488 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 37.8516, -22.2775, 3.6488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

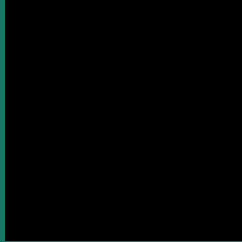
Any Text WCAG AA × Fail

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 37.8516, -22.2775, 3.6488 Background



This preview shows how black text looks on a background with the HunterLab color 37.8516, -22.2775, 3.6488.



This preview shows how white text looks on a background with the HunterLab color 37.8516,

-22.2775, 3.6488.

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

37.8516, -22.2775, 3.6488

Protanopia

37.6941, -2.2356, 6.8987

Deuteranopia

37.6397, 2.2844, 2.1815



Tritanopia

37.9771, -15.5936, -7.1623

Trichromacy



Original Color

37.8516, -22.2775, 3.6488

Protanomaly

36.9576, -11.9739, 4.8101

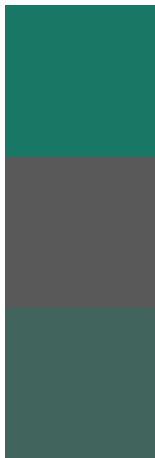
Deuteranomaly

36.7674, -9.2846, 1.3740

Tritanomaly

37.8466, -18.2497, -2.8834

Monochromacy



Original Color

37.8516, -22.2775, 3.6488

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

33.2091, -11.2838, 1.7768

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.8516, -22.2775, 3.6488 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(24, 119, 101)` looks like.

```
.text, #text, p{  
    color:rgb(24, 119, 101)  
}
```

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(24, 119, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 119, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 37.8516, -22.2775, 3.6488 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(24, 119, 101) }
```


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

```
.border{ border-color:rgb(24, 119, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 119, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 119, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 119, 101);  
box-shadow:4px 4px 4px 4px rgb(24, 119,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.8516, -22.2775, 3.6488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 119, 101) }
```

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

```
.background{ background-color: rgb(24, 119,  
101) }
```

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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