

Converting Colors

HunterLab(37.6463, -18.7284,
6.7412)

Have a look what the booklet for
HunterLab(37.6463, -18.7284,
6.7412) contains.

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Color

**HunterLab(37.6572,
-18.6595, 6.5725)**

Conversions

Conversions Part 1

Format	Color
Hex	3A745D
RGB	58, 116, 93
RGB Percent	23%, 45%, 36%
CMY	0.7725, 0.5451, 0.6353
CMYK	0.50, 0.00, 0.20, 0.55
HSL	156°, 33%, 34%
HSV	156°, 50%, 45%
XYZ	9.9661, 14.1806, 12.5678
YIQ	96.0360, -27.1850, -19.4490

Conversions

Conversions Part 2

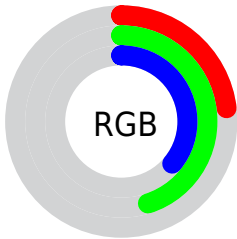
Format	Color
RYB	58, 94, 116
Decimal	3830877
CIELab	44.49, -24.96, 6.92
CIELCh	44, 25.902, 164.512
Yxy	14.1812, 0.2714, 0.3862
Android (android.graphics.Color)	4282020957 (0xFF3A745D)
YUV	96.0360, -1.4967, -33.3576
Hunter-Lab	37.6572, -18.6595, 6.5725

Details

The HunterLab color **37.6572, -18.6595, 6.5725** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **27.0805, 19.8498, -0.0104**, and the grayscale version is **34.2278, -1.8263, 1.8597**.

A 20% lighter version of the original color is **57.6538, -22.6652, 8.4052**, and **20.5572, -13.9830, 4.6661** is the 20% darker color. If you saturate the color by 10%, you get **37.1386, -20.9252, 7.6397**, and if you desaturate by 10%, it is **38.2792, -16.0272, 5.5616**.

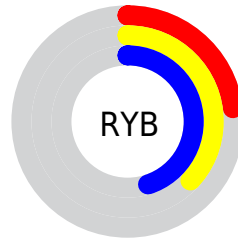
Distribution



 Red (23%)

 Green (45%)

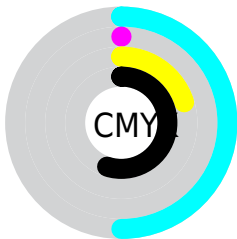
 Blue (36%)




 Red (23%)

 Yellow (37%)

 Blue (45%)

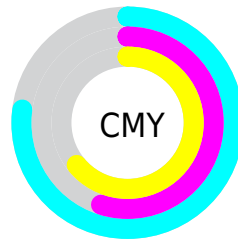


 Cyan (50%)


 Magenta (0%)

 Yellow (20%)

 Black (55%)



 Cyan (77%)

 Magenta (55%)

 Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.6572, -18.6595, 6.5725 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 37.6572, -18.6595, 6.5725 by changing the saturation by 10% instead.

37.6572, -18.6595,
6.5725

37.6572, -18.6595,
6.5725

147.7685,
-35.7348, 15.4708

28.7173, -16.4486,
5.6403

57.8016, -22.7672,
8.4522

20.6235, -14.0693,
4.7007

68.9011, -24.7171,
9.4079

13.4768, -11.4297,
3.7356

80.6322, -26.6200,
10.3776

7.0517, -12.3404,
4.4497

92.9624, -28.4871,
11.3626

0.0000, NaN, NaN

0.0000, NaN, NaN

105.8641,
-30.3264, 12.3640

0.0000, NaN, NaN

119.3129,

0.0000, NaN, NaN

-32.1444, 13.3823

0.0000, NaN, NaN

133.2874,
-33.9458, 14.4178

■ 37.6572, -18.6595,
6.5725

■ 37.6572, -18.6595,
6.5725

■ 37.1386, -20.9252,
7.6397

■ 38.2792, -16.0272,
5.5616

■ 36.7180, -22.8158,
8.7485

■ 39.0037, -13.0429,
4.6174

■ 36.3913, -24.3358,
9.8842

■ 39.8315, -9.7297,
3.7498

■ 36.1513, -25.5017,
11.0300

■ 40.7616, -6.1152,
2.9659

■ 35.9632, -26.4489,
12.1447

■ 41.7917, -2.2298,
2.2706

■ 35.9632, -26.4489,
12.1448

■ 42.9191, 1.8951,
1.6668

■ 44.1403, 6.2281,
1.1555

■ 45.4513, 10.7394,
0.7358

■ 46.8482, 15.4014,
0.4060

Harmonies

Analogous

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



37.6580, -14.4519, 12.8137



37.6572, -18.6595, 6.5725



37.6580, -18.7285, -2.7772

Triad

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



37.6580, -18.6599, 6.5729



37.6580, 2.8796, -20.0388



37.6580, 12.5511, 12.6654

Complementary

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



37.6572, -18.6595, 6.5725



27.0805, 19.8498, -0.0104

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.



37.6580, 18.2513, 6.3120



37.6572, -18.6595, 6.5725



37.6580, 12.2884, -13.2890

Square

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



37.6580, -18.6599, 6.5729



37.6580, -6.9622, -19.9160



37.6580, 18.1505, -3.1148



37.6580, 3.2092, 15.6606

Rectangle

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



37.6572, -18.6595, 6.5725



37.6580, -16.4517, -9.7242



37.6580, 18.1505, -3.1148



37.6580, 14.9976, 10.9359

Sweetspot

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



37.6580, -18.6599, 6.5729



53.3617, -10.7331, 4.4771



38.1511, -18.0114, 16.9719



25.9642, -5.6297, 2.2727



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



37.6580, -18.6599, 6.5729



49.1454, -28.1556, 10.3491



36.5460, -12.6939, -4.5097



20.3269, -2.8637, 1.4407



38.0920, -28.0480, 12.9357



83.9862, -62.5486, 30.0489

Inverse Universe

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



27.0805, 19.8498, -0.0104



32.5907, 32.7690, 0.5332



27.6823, 14.6753, 8.7406



19.2943, 0.8218, 0.7537



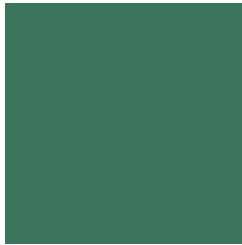
20.9397, 36.9004, 5.4649



46.0525, 80.8267, 14.5617

Previews

White Background



This preview shows how the HunterLab color 37.6572, -18.6595, 6.5725 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 37.6572, -18.6595, 6.5725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

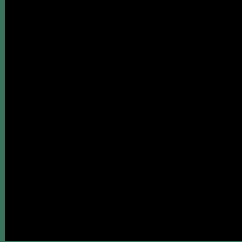
Any Text WCAG AA × Fail

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 37.6572, -18.6595, 6.5725 Background



This preview shows how black text looks on a background with the HunterLab color 37.6572, -18.6595, 6.5725.



This preview shows how white text looks on a background with the HunterLab color 37.6572,

-18.6595, 6.5725.

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

37.6572, -18.6595, 6.5725

Protanopia

37.3741, -2.2362, 8.6864

Deuteranopia

37.4212, 2.4201, 5.5677



Tritanopia

37.5860, -11.1981, -5.5705

Trichromacy



Original Color

37.6572, -18.6595, 6.5725

Protanomaly

37.0428, -9.0269, 7.5402

Deuteranomaly

36.9068, -6.3385, 5.2383

Tritanomaly

37.4362, -13.9021, -0.9934

Monochromacy



Original Color

37.6572, -18.6595, 6.5725

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

35.1007, -8.5612, 3.1915

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.6572, -18.6595, 6.5725 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(58, 116, 93)` looks like.

```
.text, #text, p{  
    color:rgb(58, 116, 93)  
}
```

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(58, 116, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 116, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 37.6572, -18.6595, 6.5725 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(58, 116, 93) }
```


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

```
.border{ border-color:rgb(58, 116, 93) }
```

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

Here you see how a box with a 4 pixel rgb(58, 116, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 116, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 116, 93);  
box-shadow:4px 4px 4px 4px rgb(58, 116,  
93) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.6572, -18.6595, 6.5725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 116, 93) }
```

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

```
.background{ background-color: rgb(58, 116,  
93) }
```

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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